

1/30

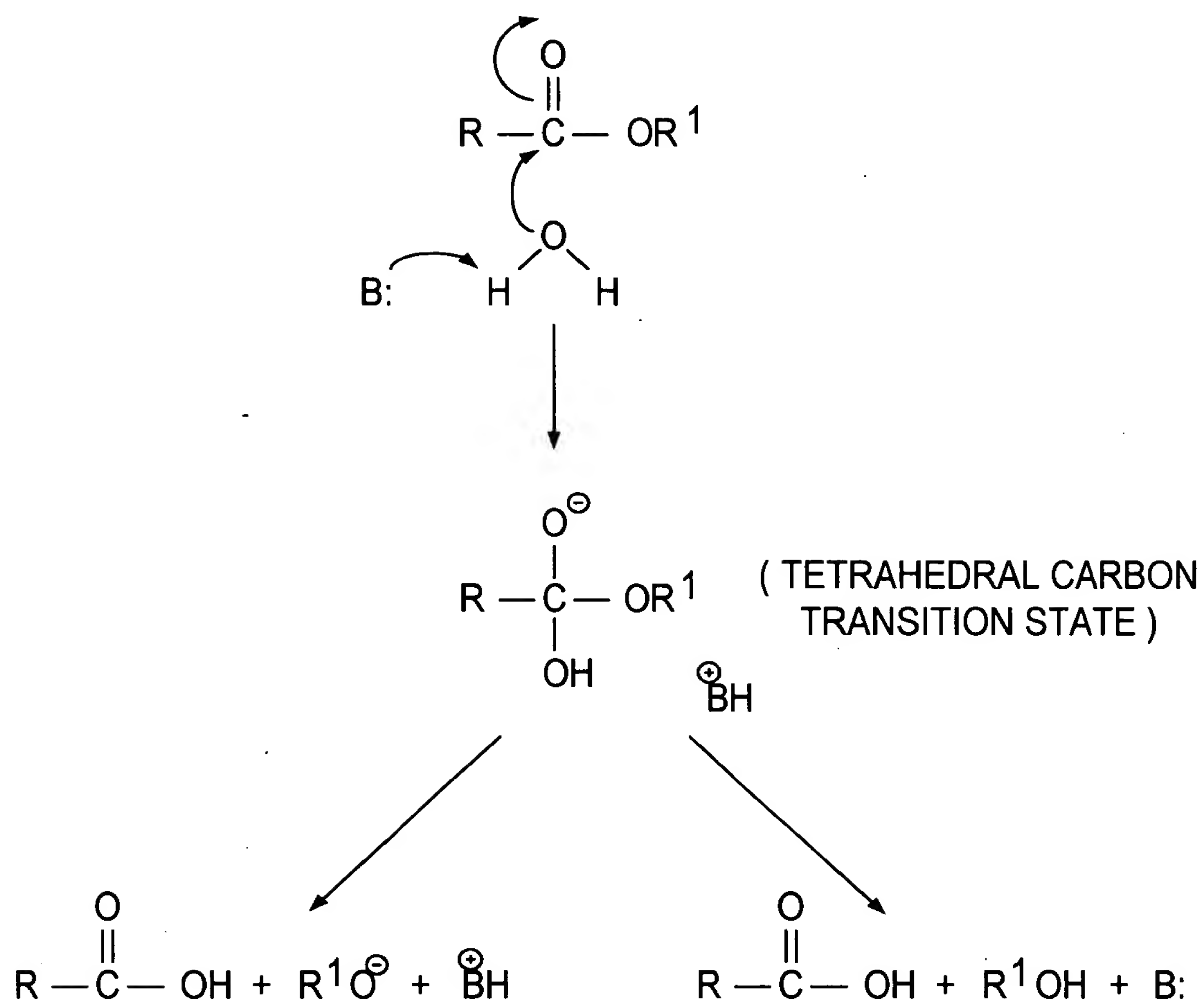


FIG. 2

APPROVED	G.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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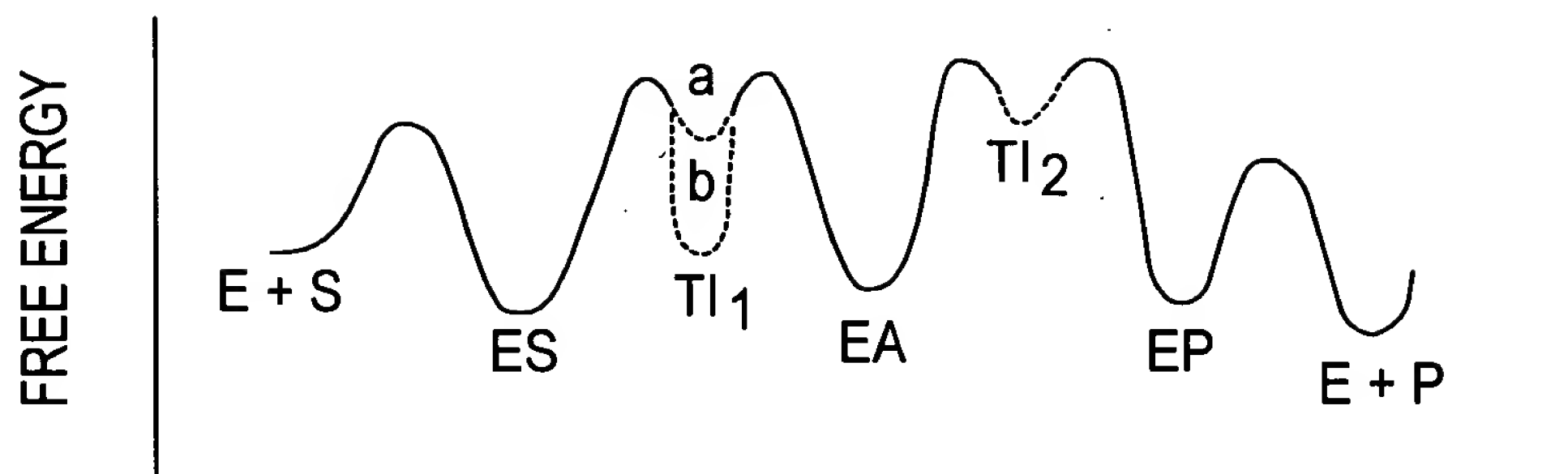


FIG. 3

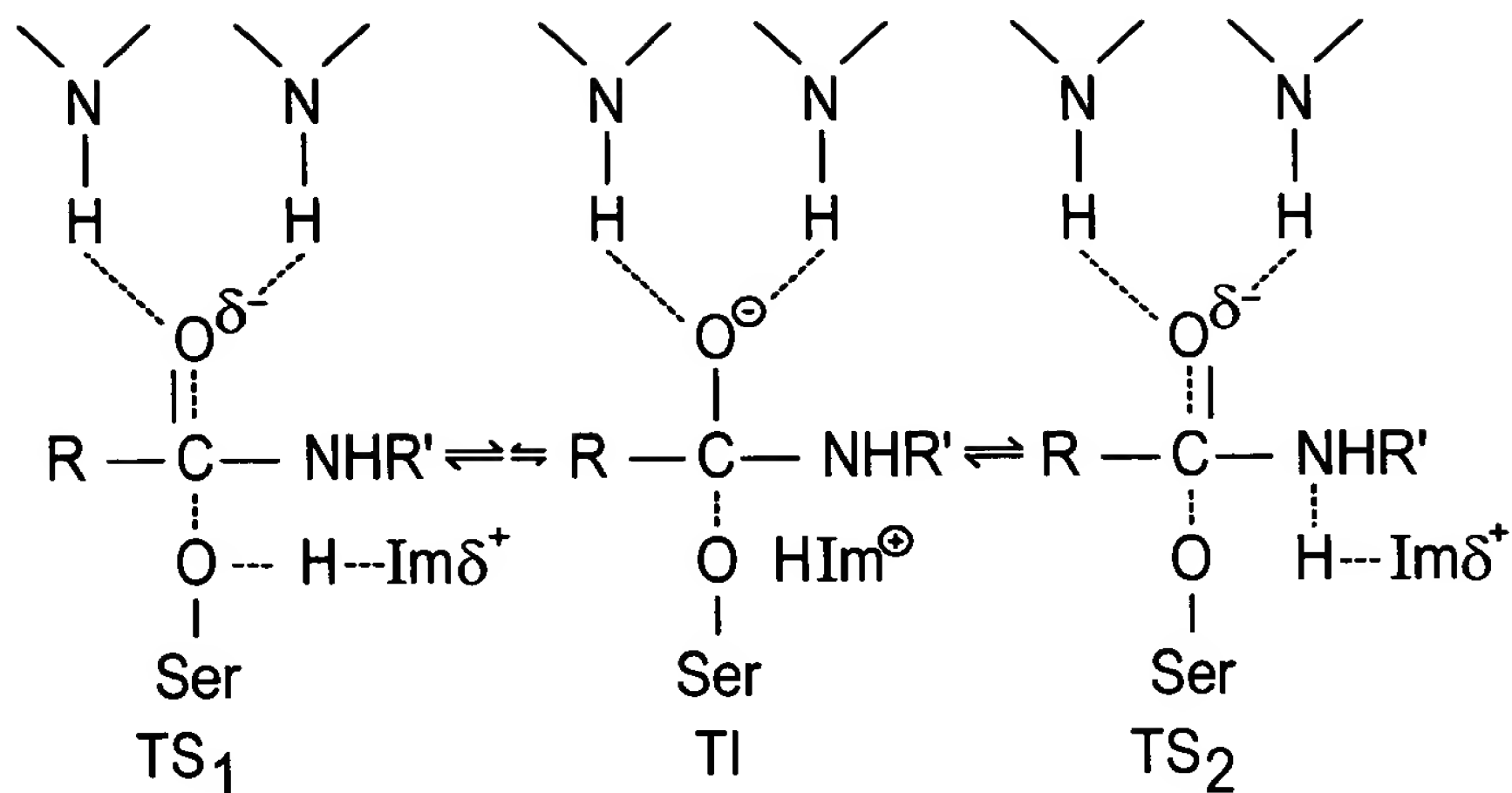


FIG. 4

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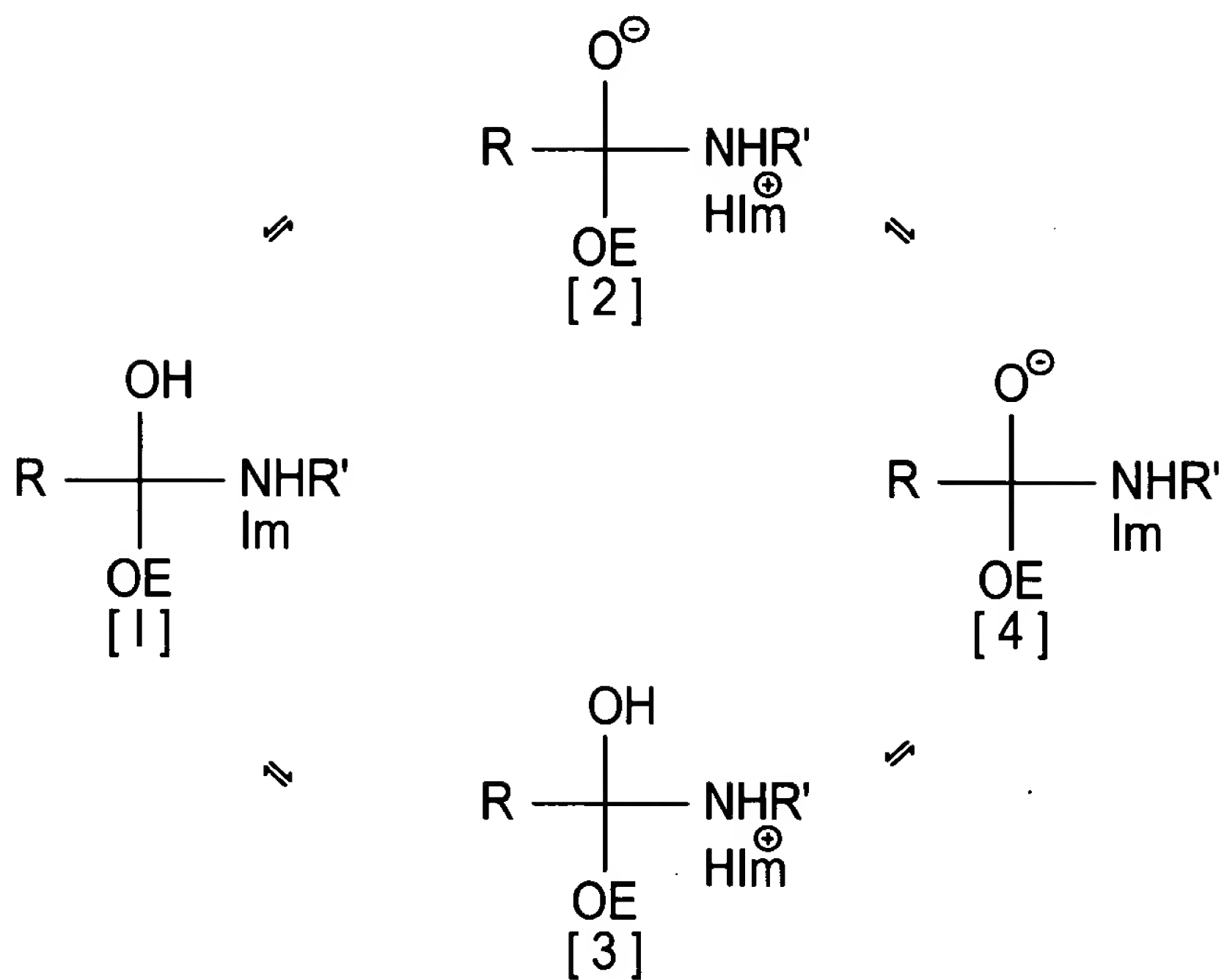


FIG. 5

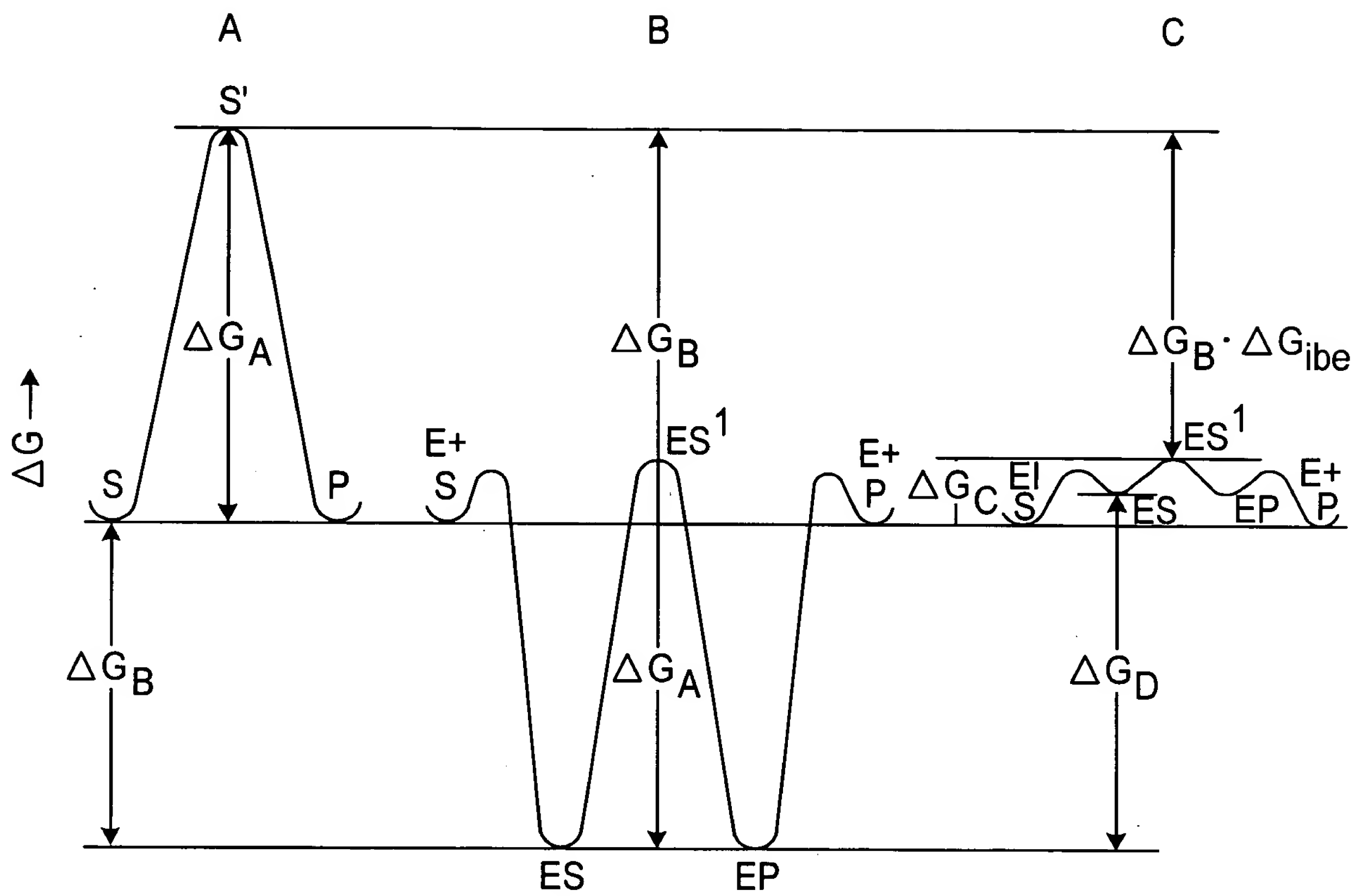


FIG. 6

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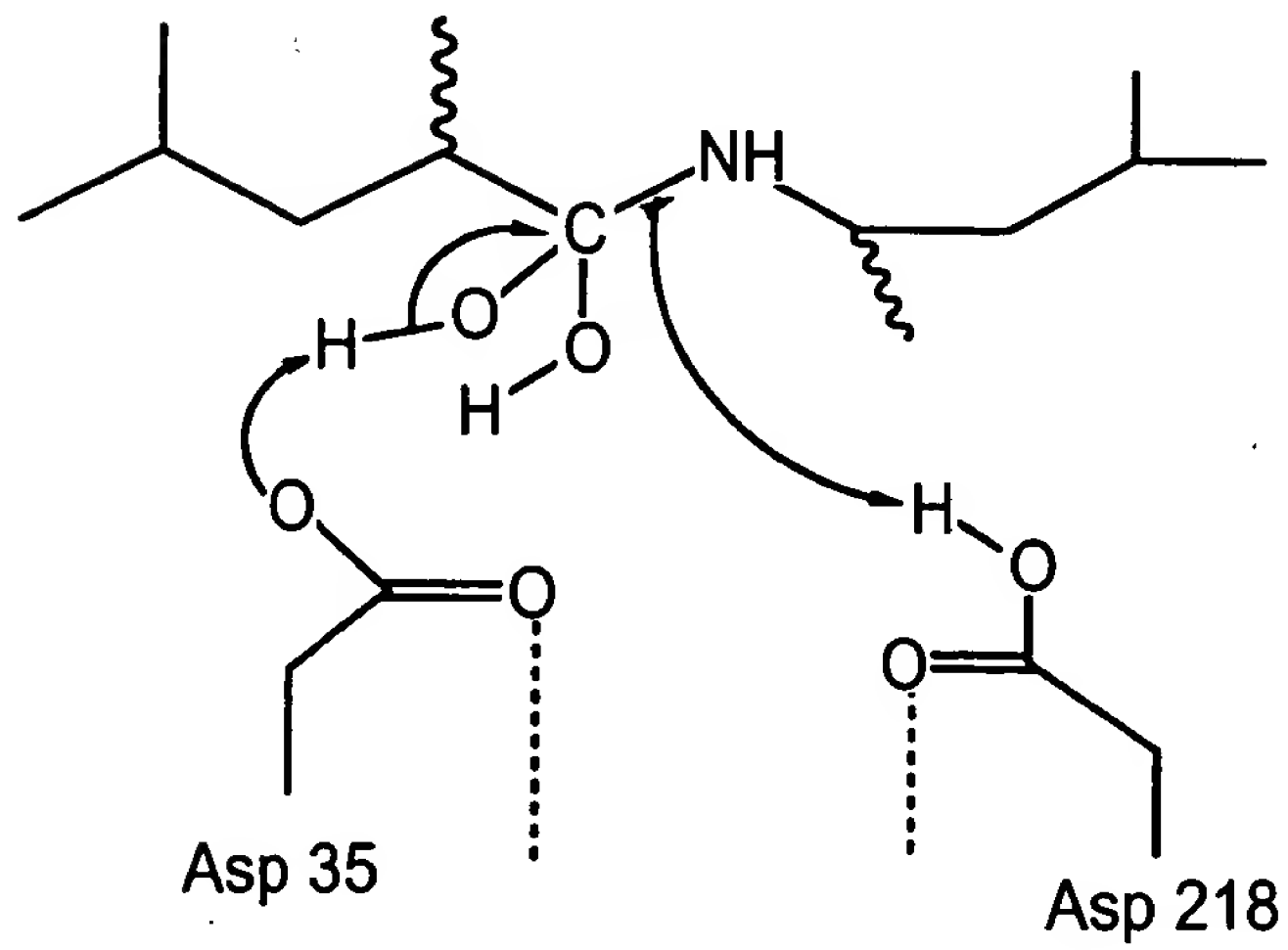
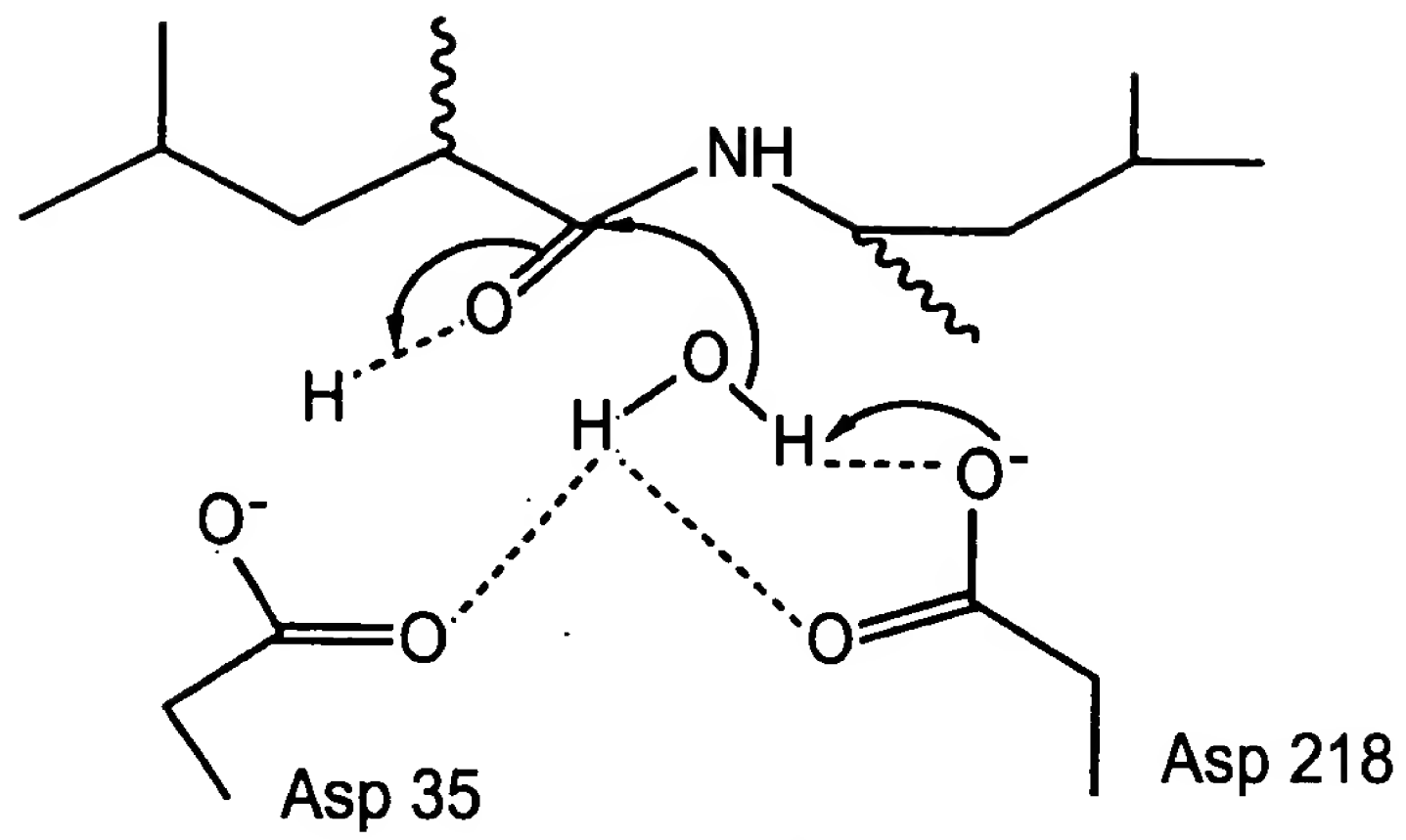


FIG. 7

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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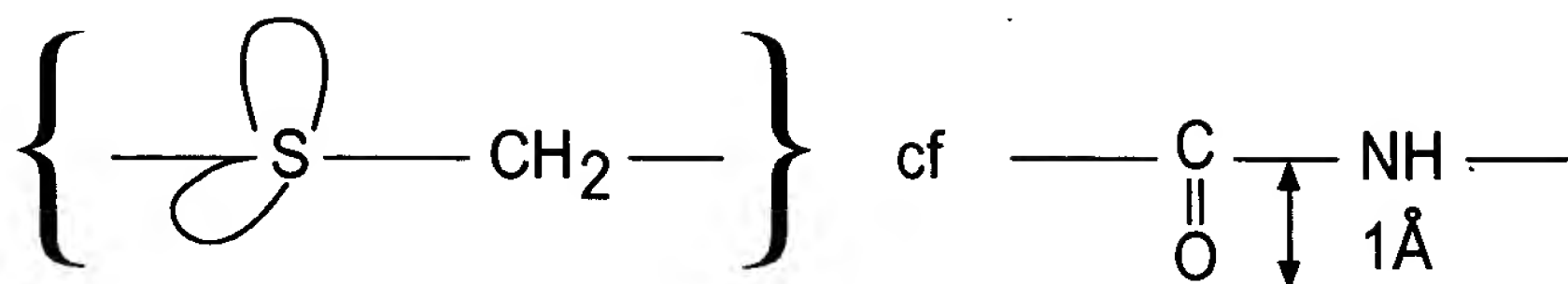


FIG. 8

This drawing is a schematic representation of the structure of the polymer. The structure is a repeating unit of a polymer. The structure is a repeating unit of a polymer. The structure is a repeating unit of a polymer.

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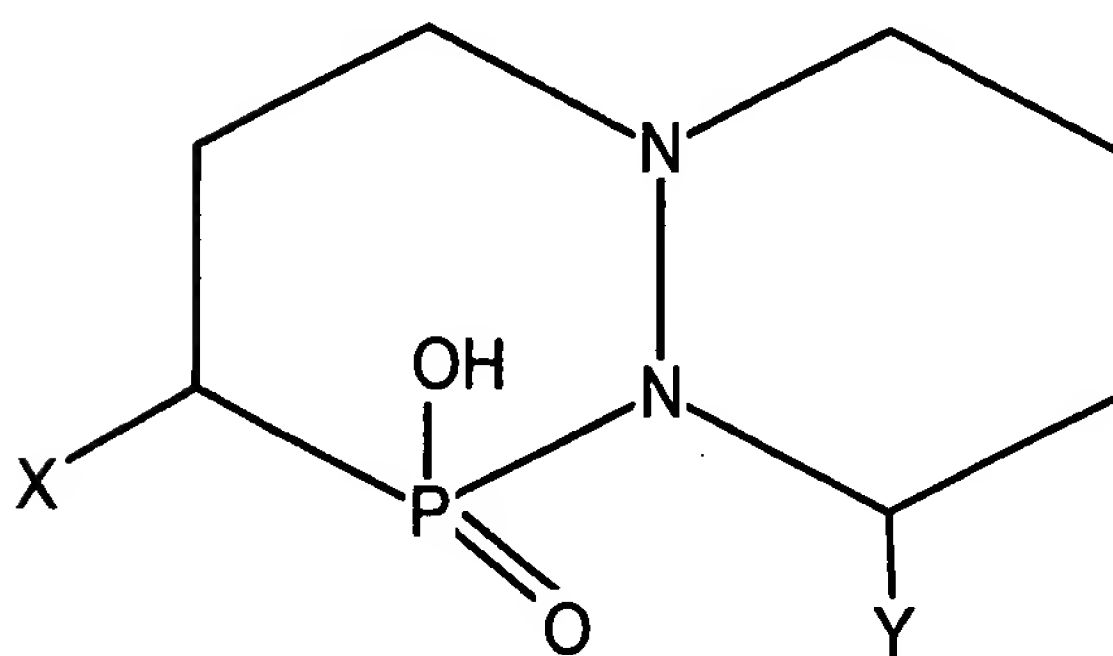
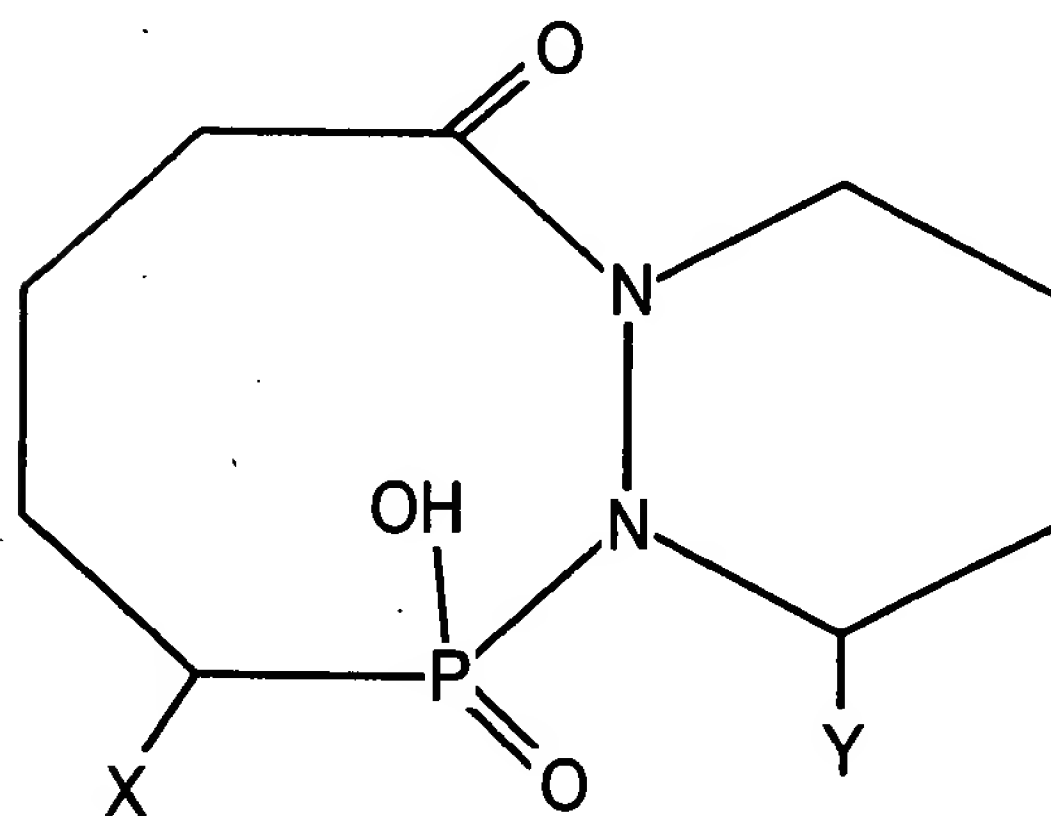
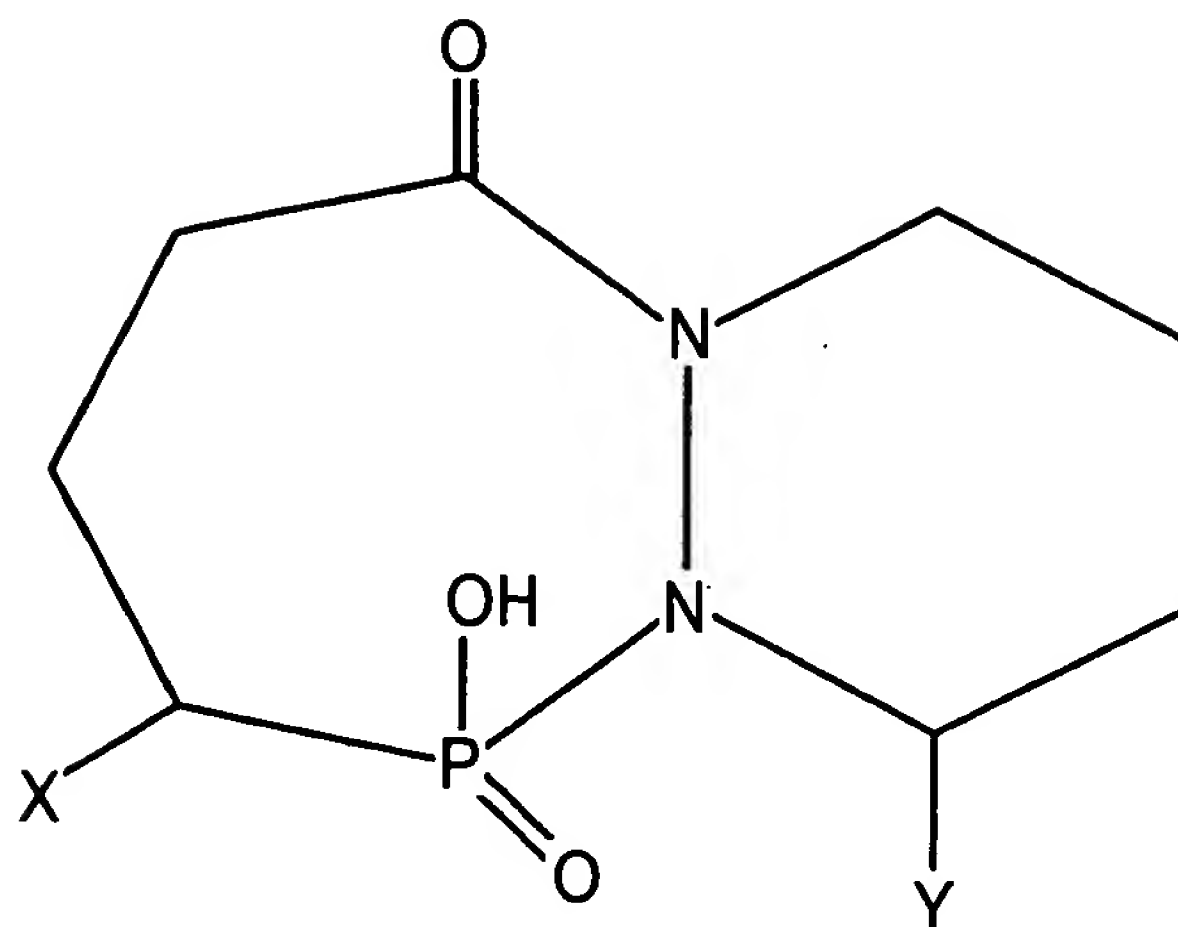


FIG. 9

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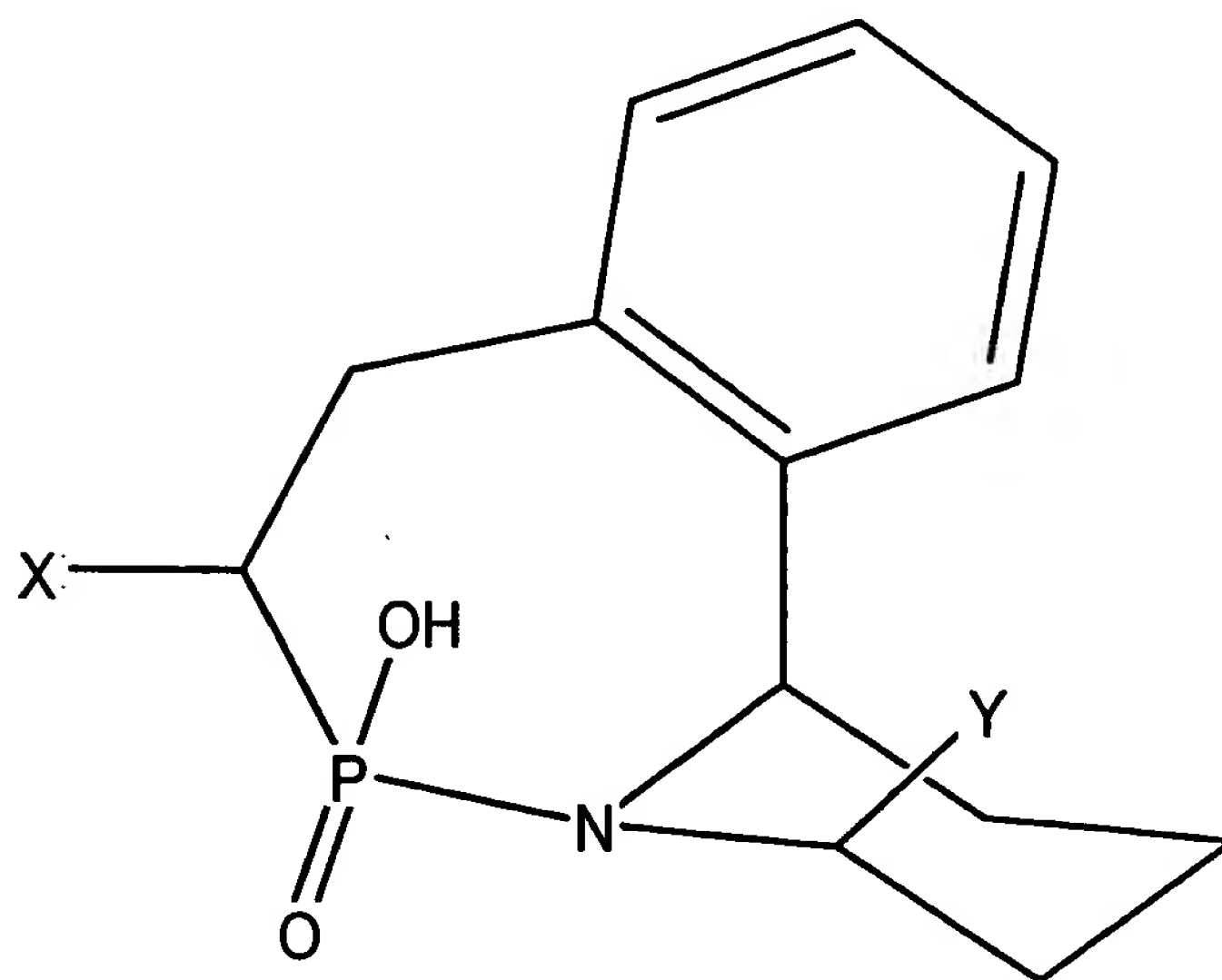
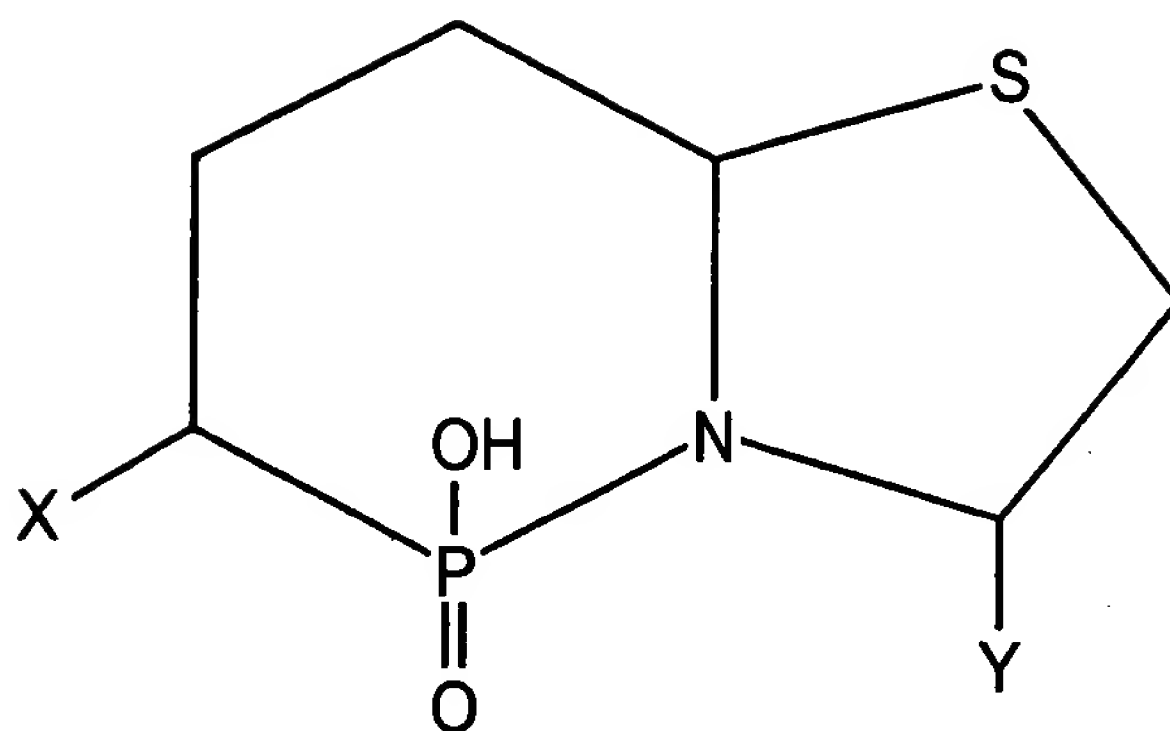


FIG. 10

APPROVED: O.E. FIG.		
BY	CLASS	SUBCLASS
DRAFTSMAN		

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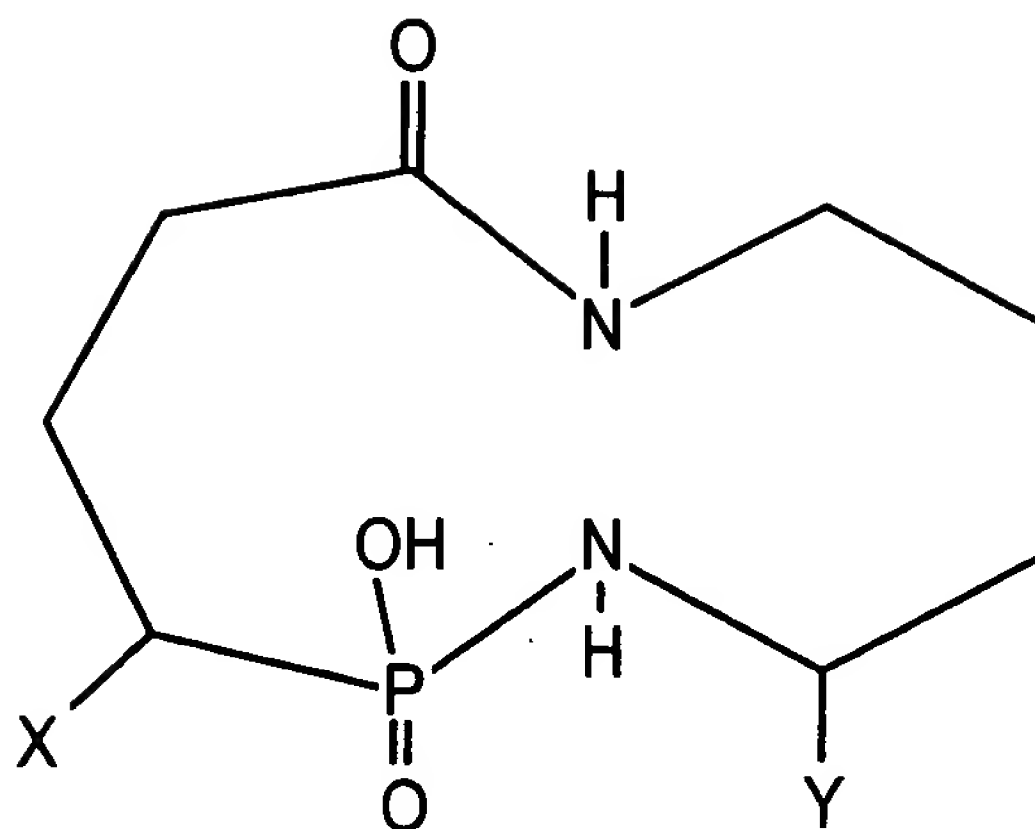


FIG. 11

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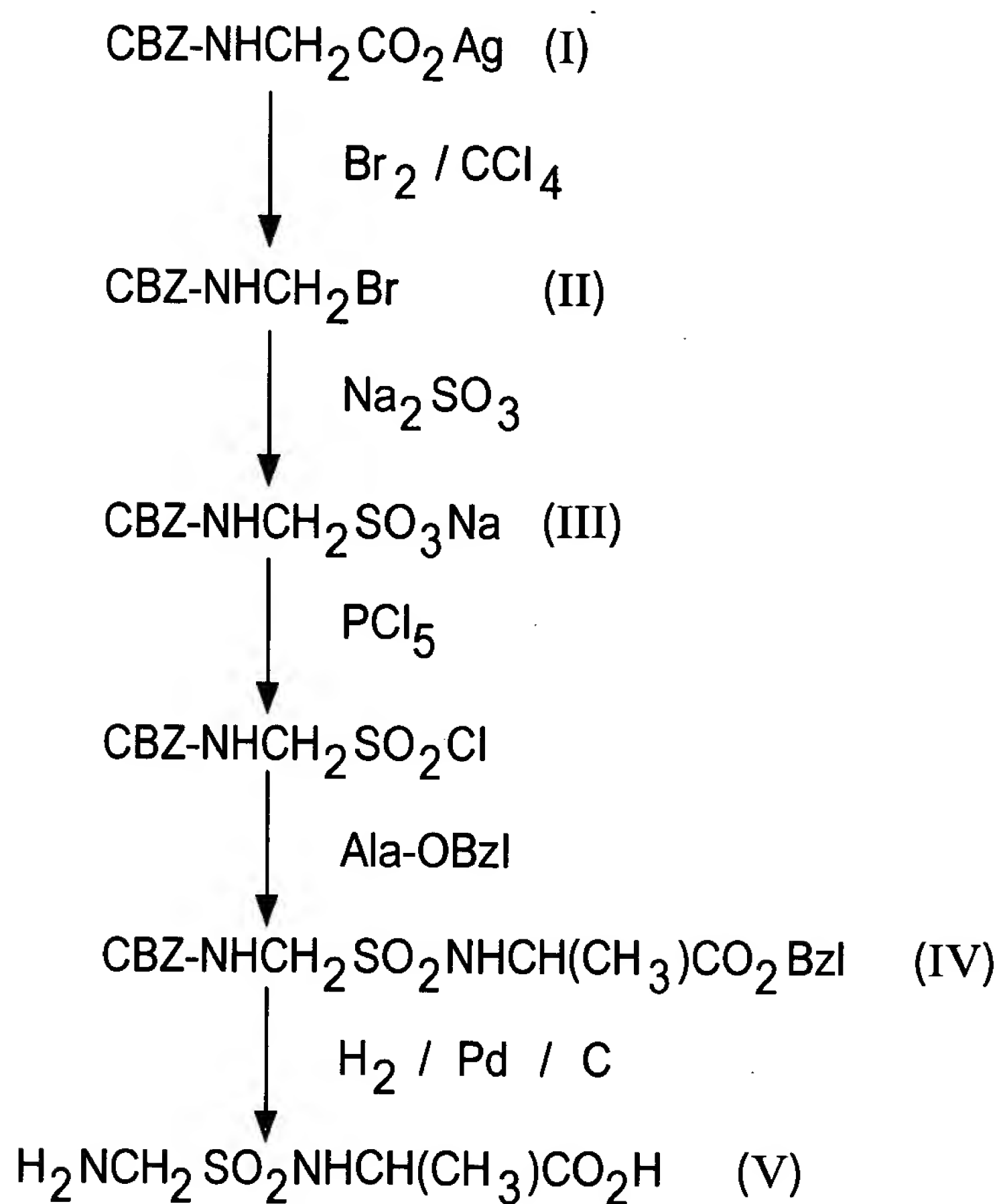


FIG. 12

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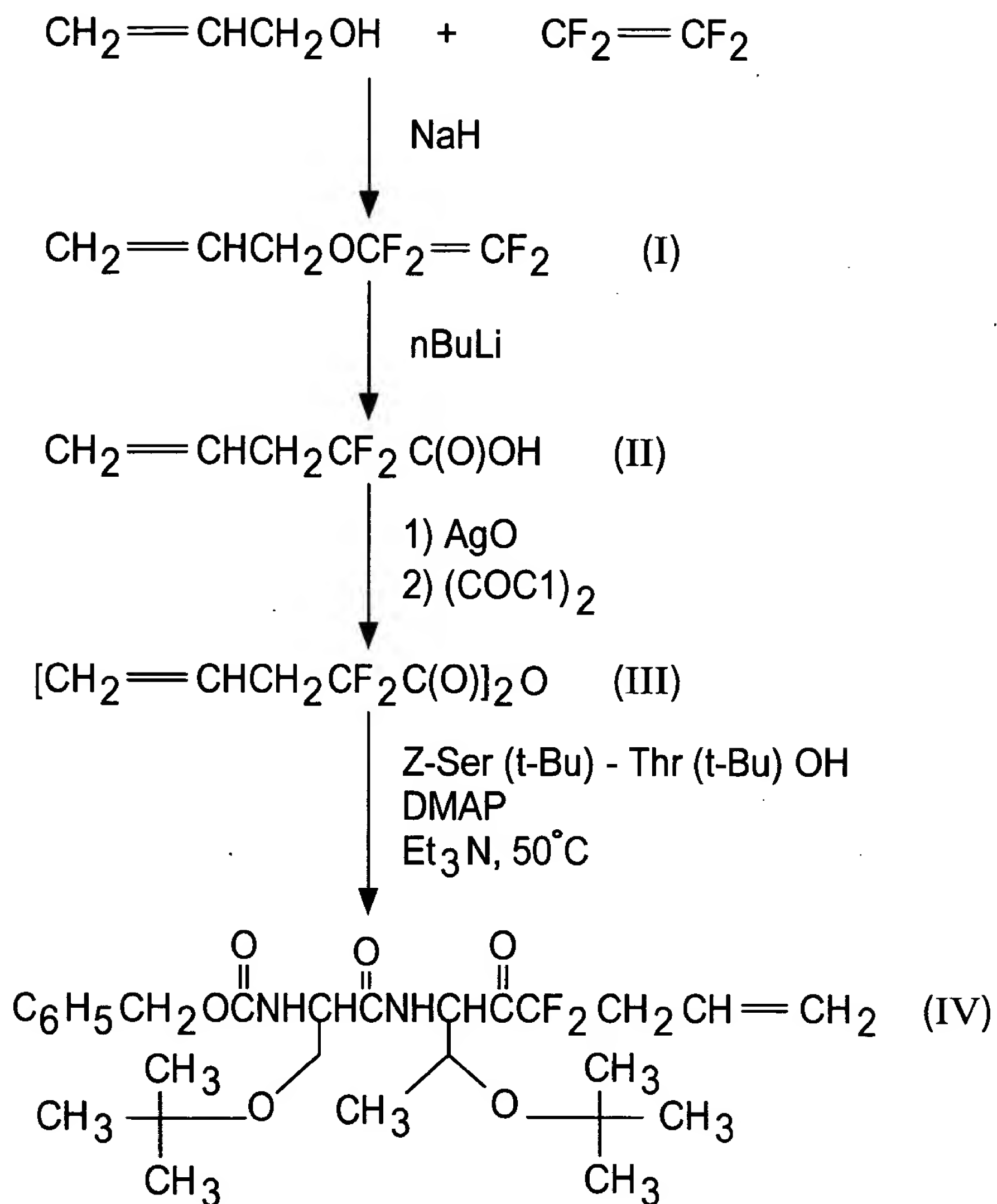
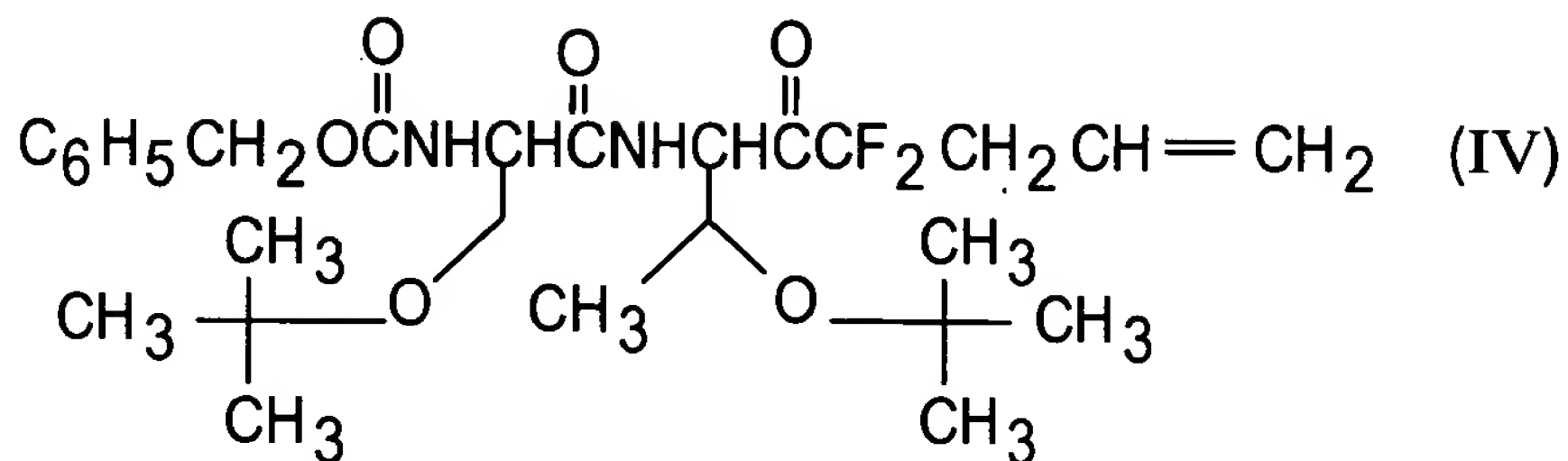
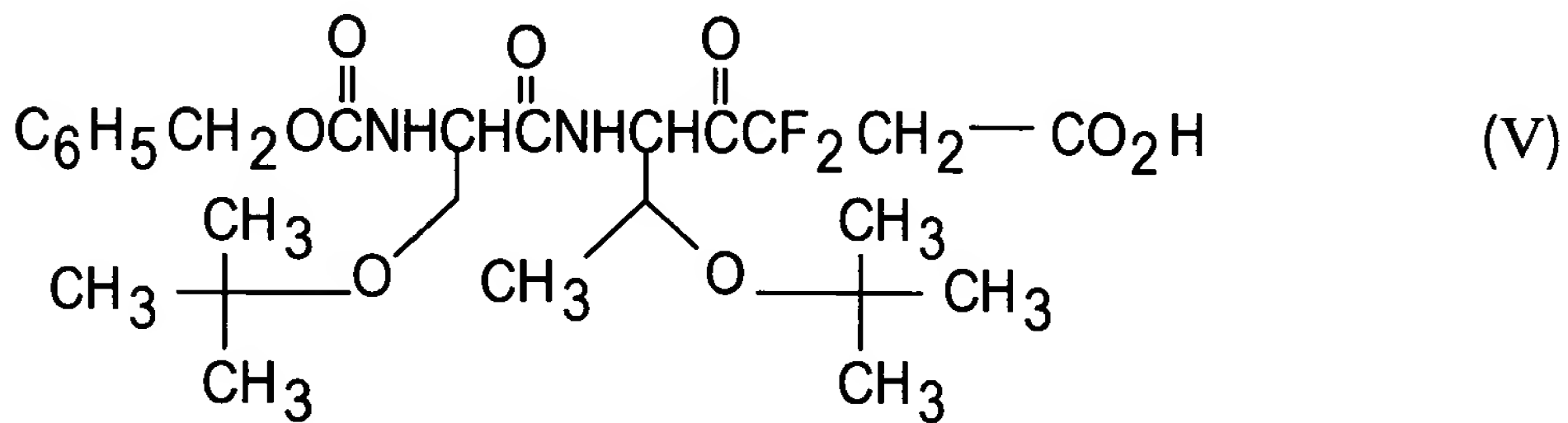


FIG. 13

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- 1) O_3
- 2) CH_3SCH_3
- 3) $\text{CrO}_3 / \text{H}_2\text{SO}_4$



- 1) $\text{H}_2 / \text{Pd} / \text{C}$

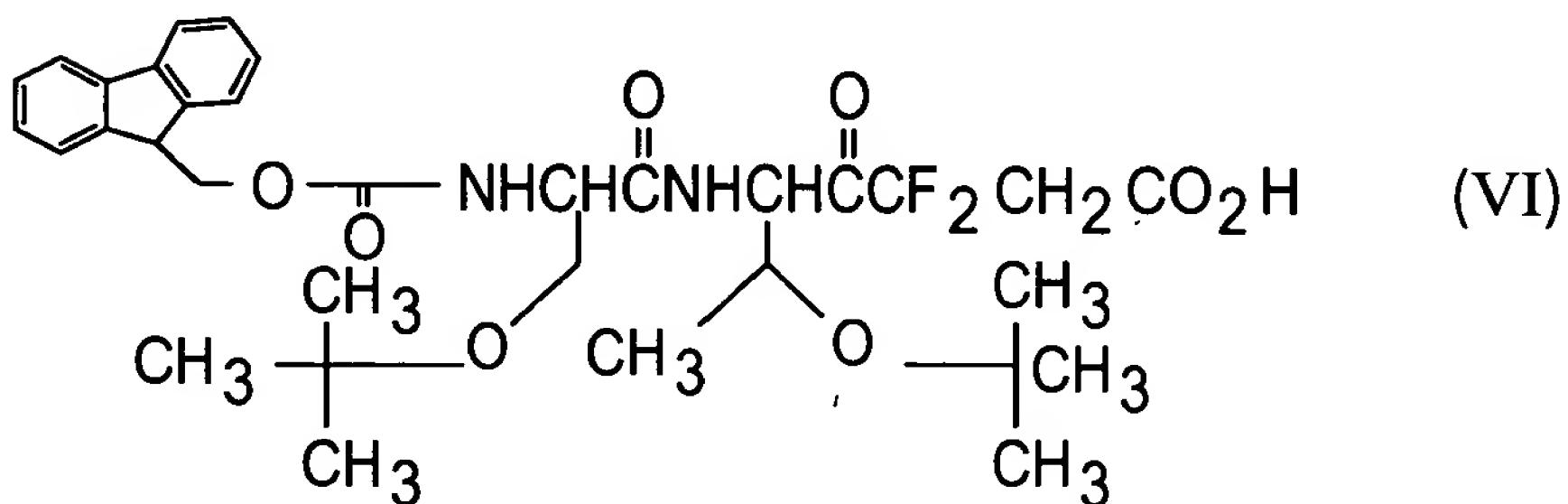
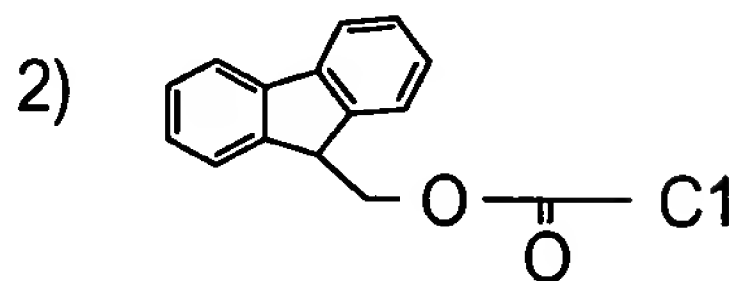
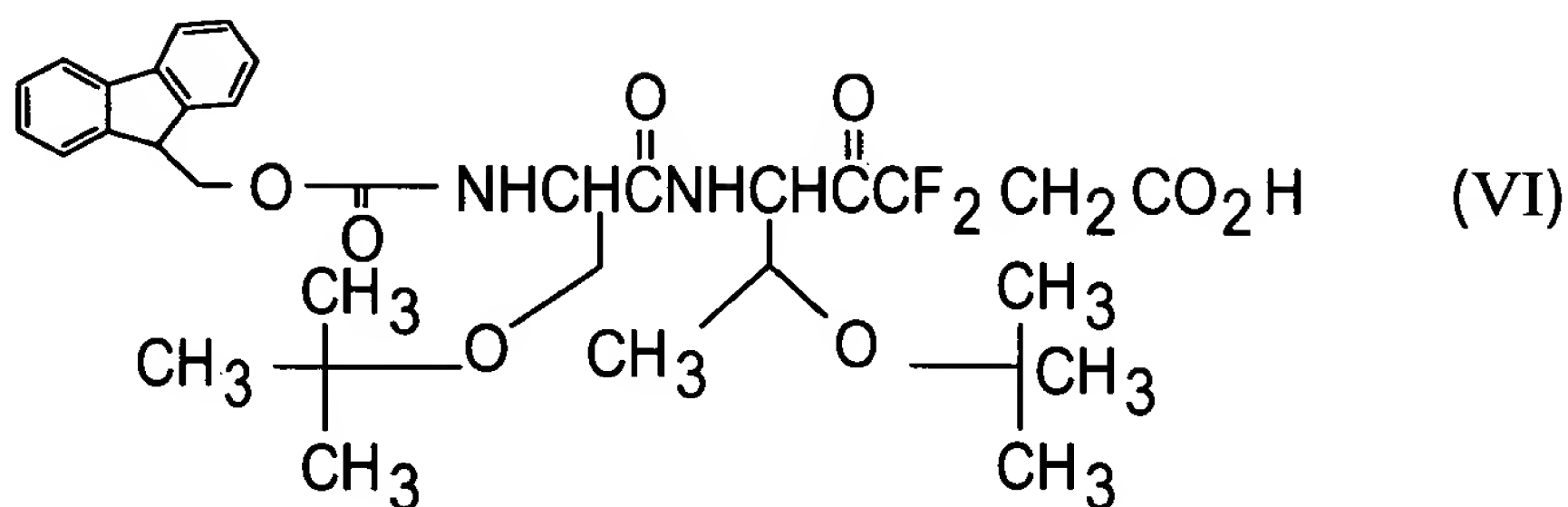


FIG. 13 (CONT'D)

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DEPROTECT

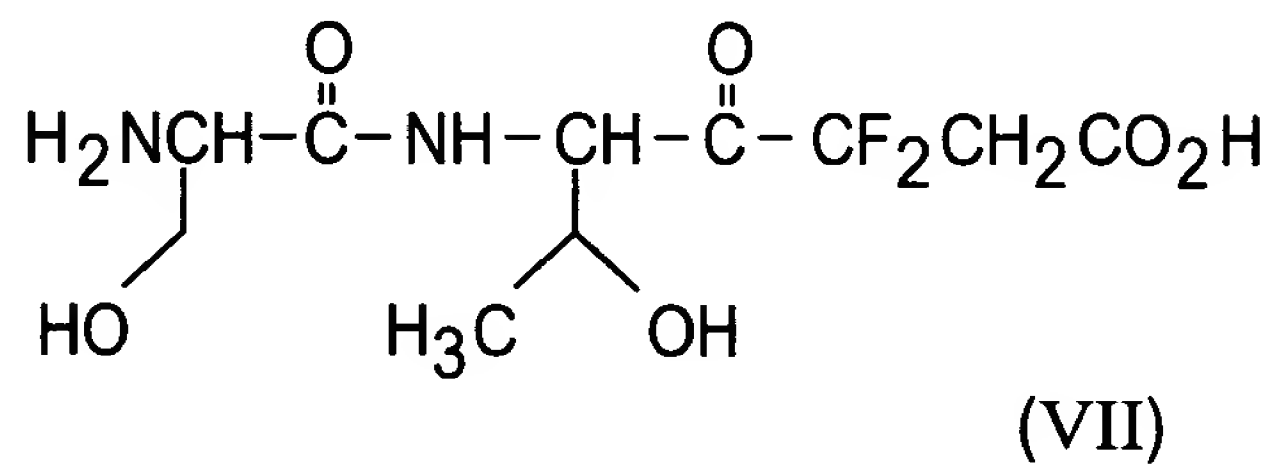


FIG. 13 (CONT'D)

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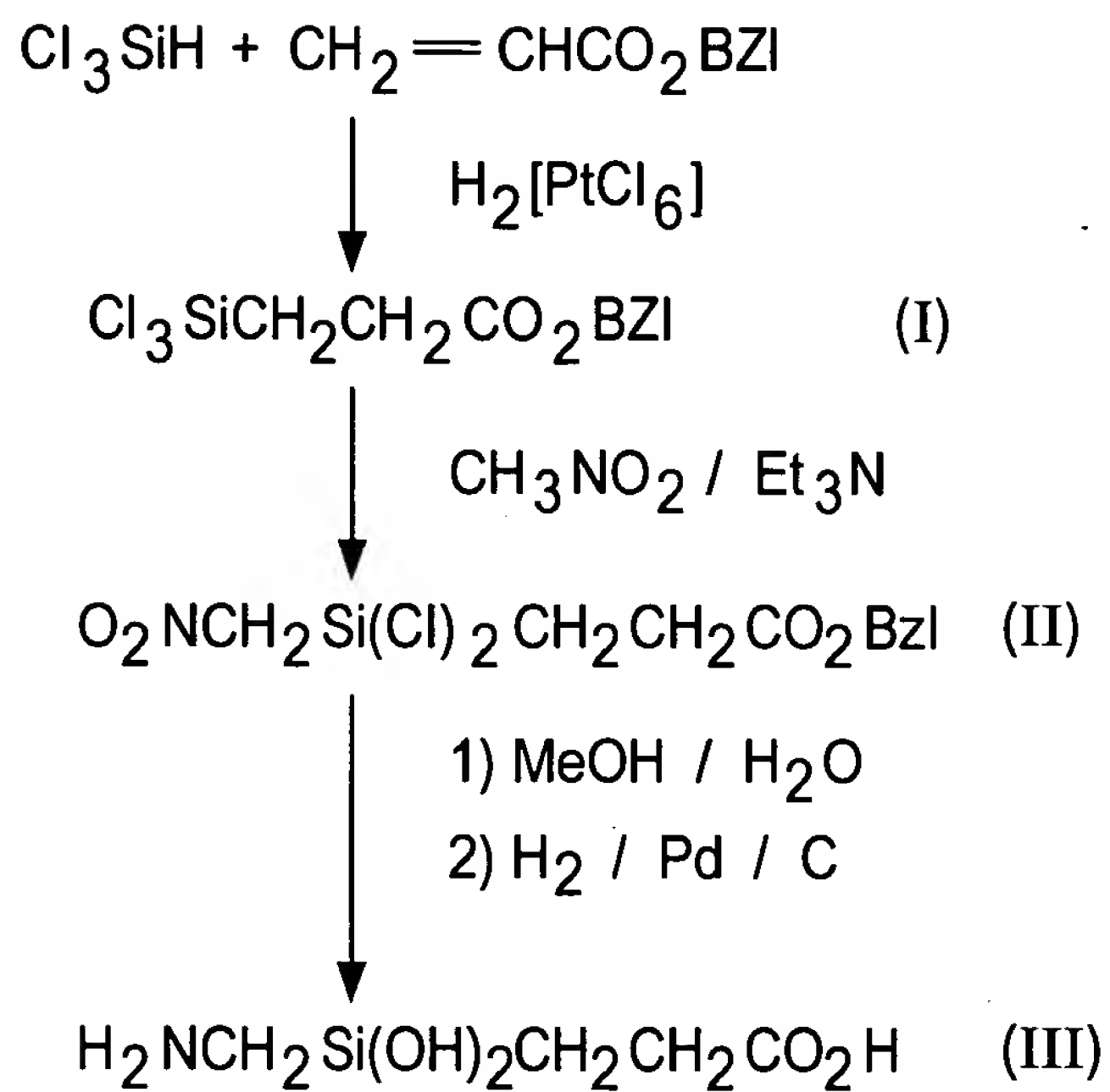


FIG. 14

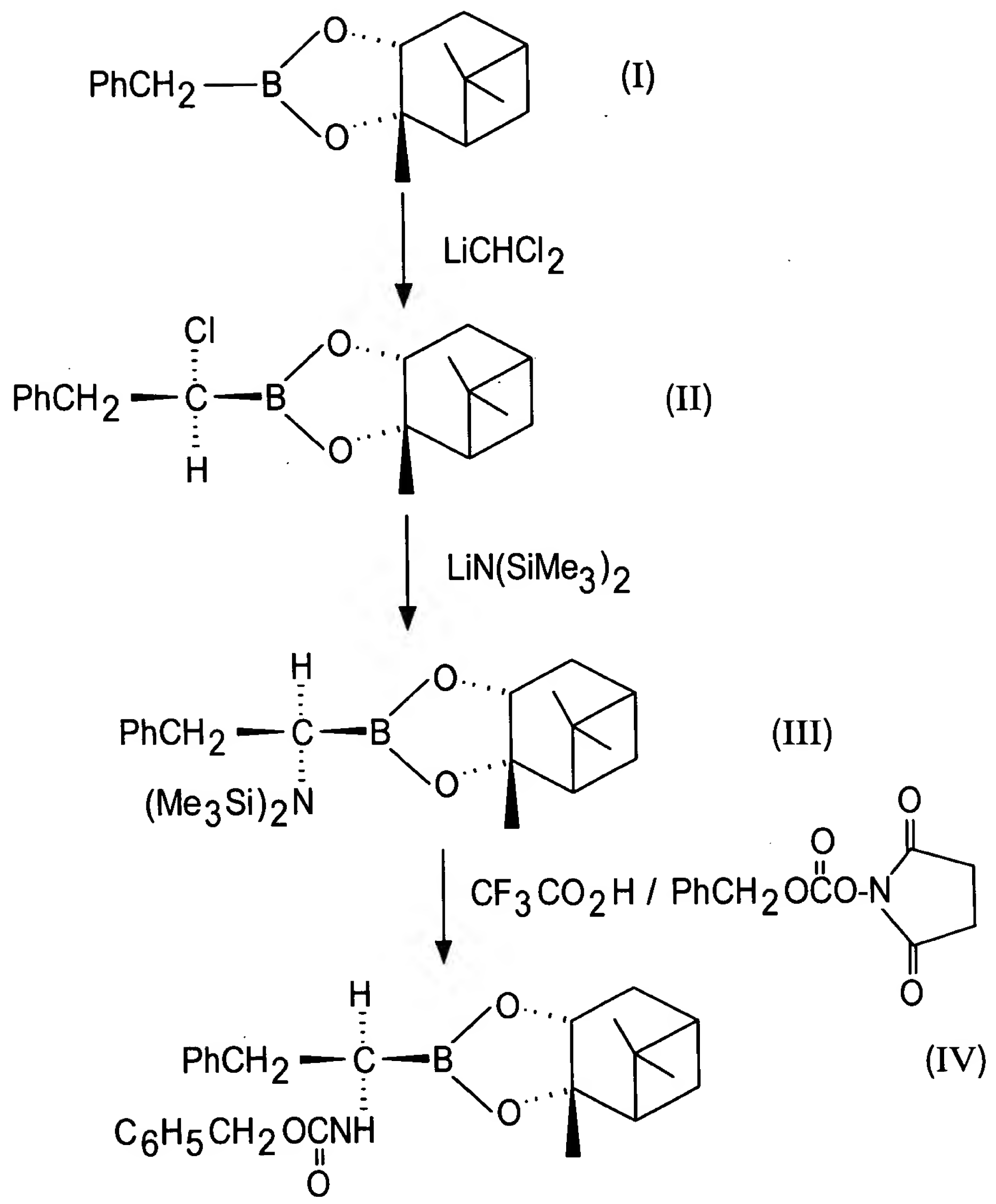


FIG. 15

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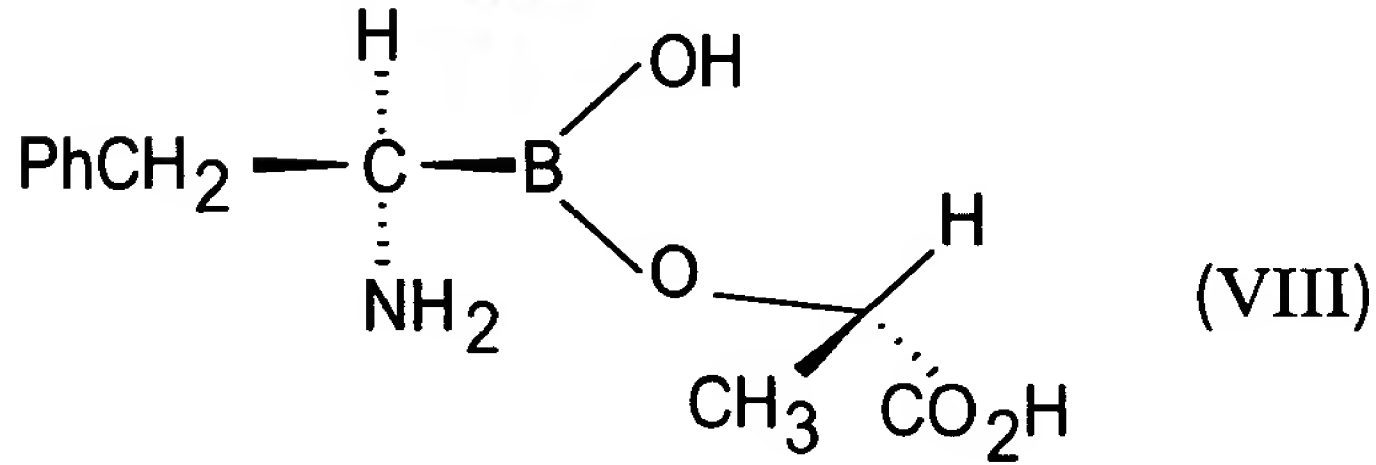
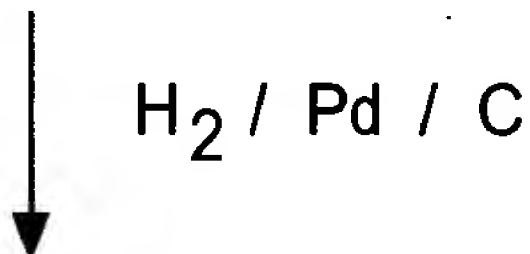
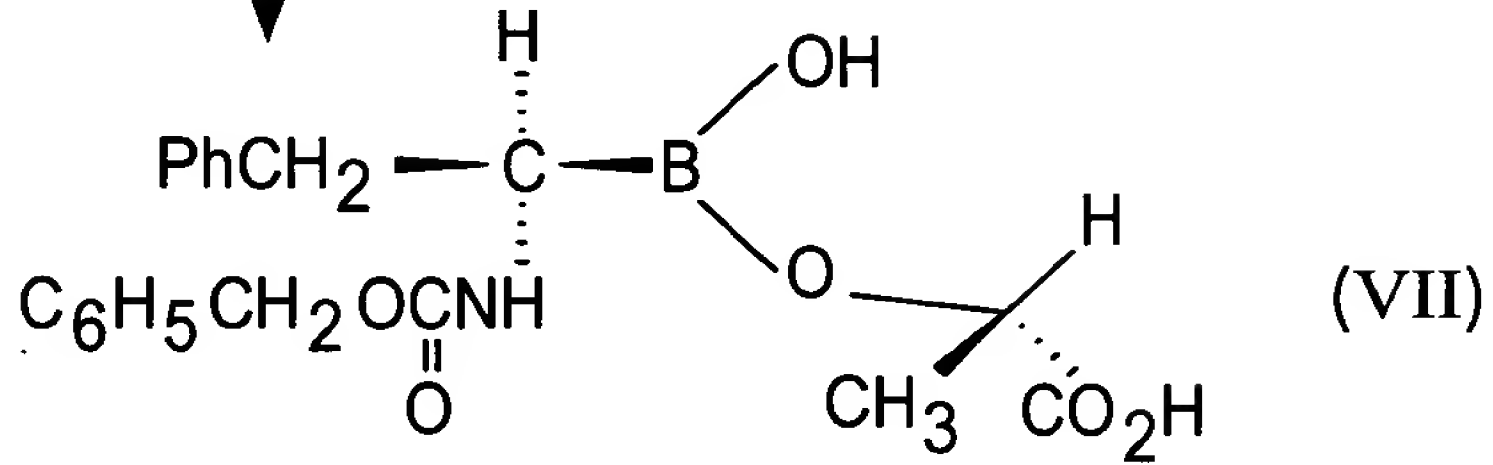
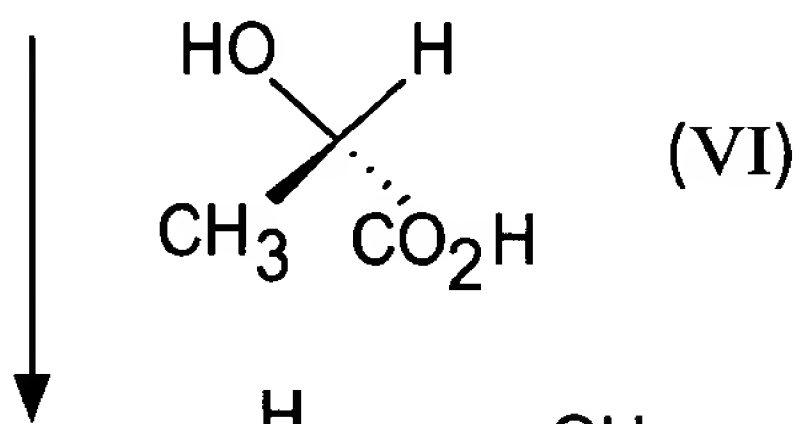
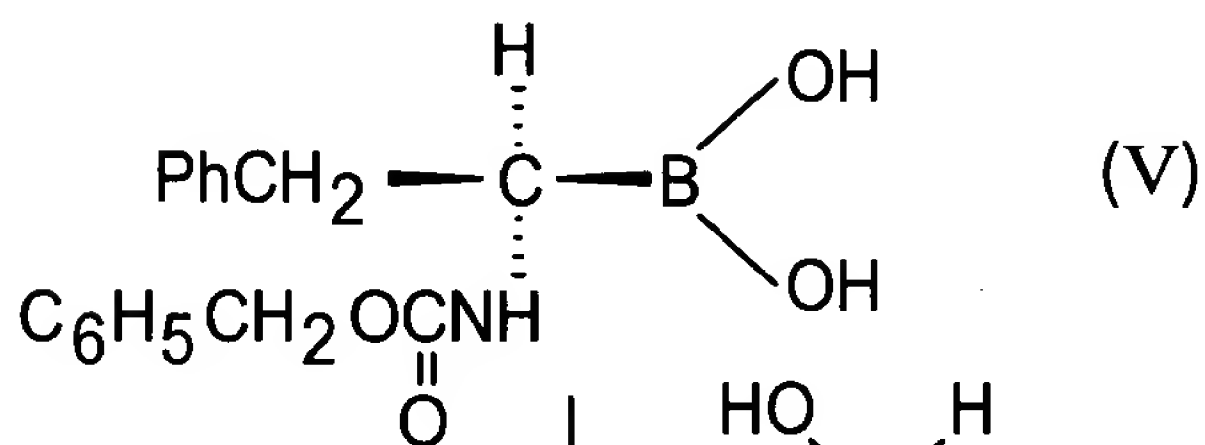
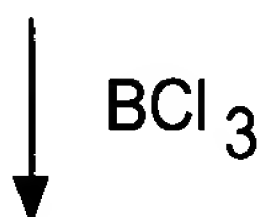
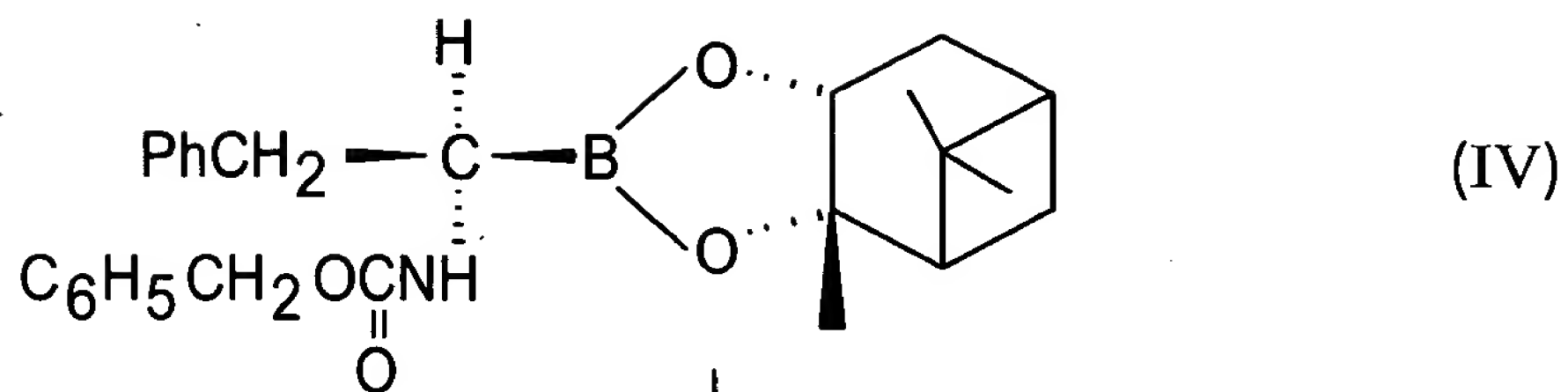


FIG. 15 (CONT'D)

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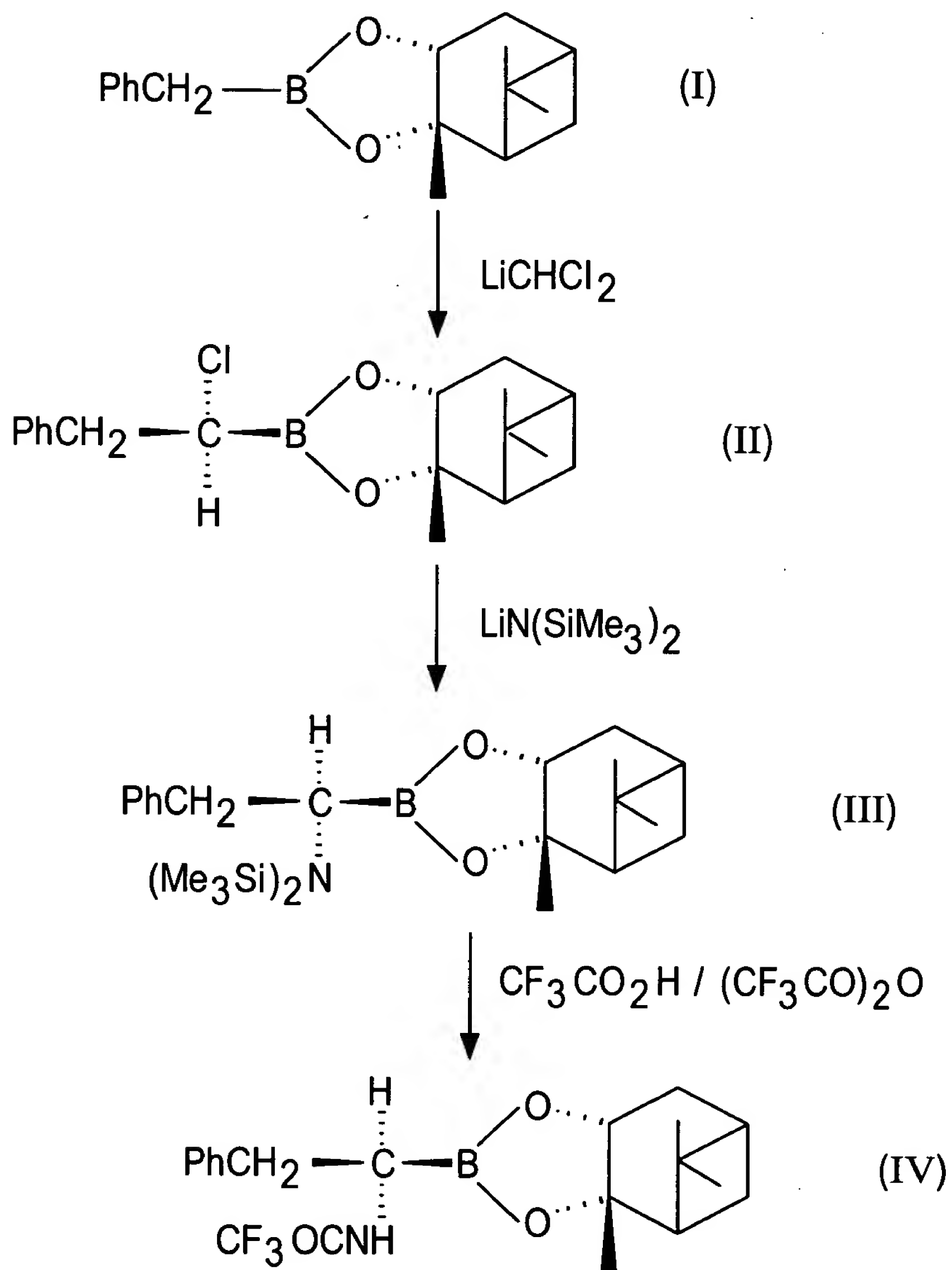


FIG. 16

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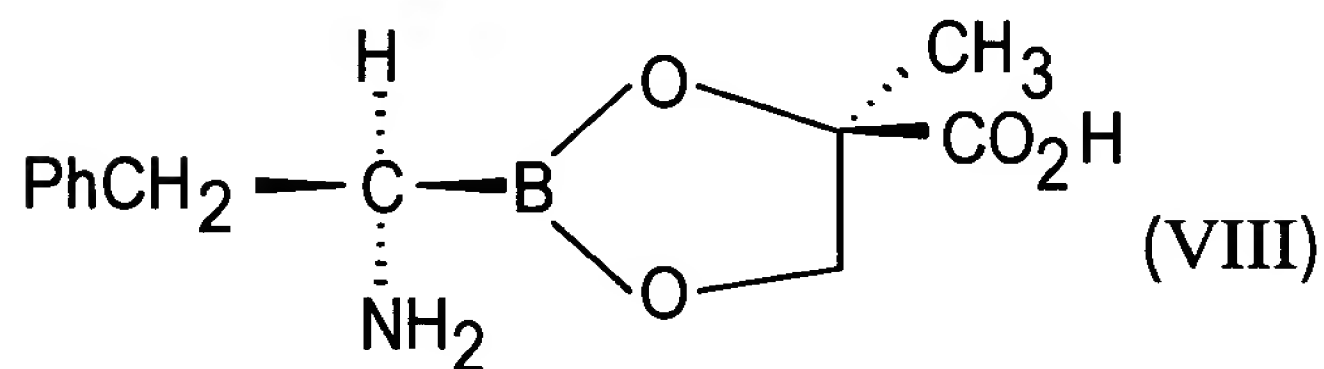
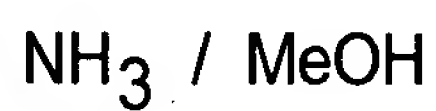
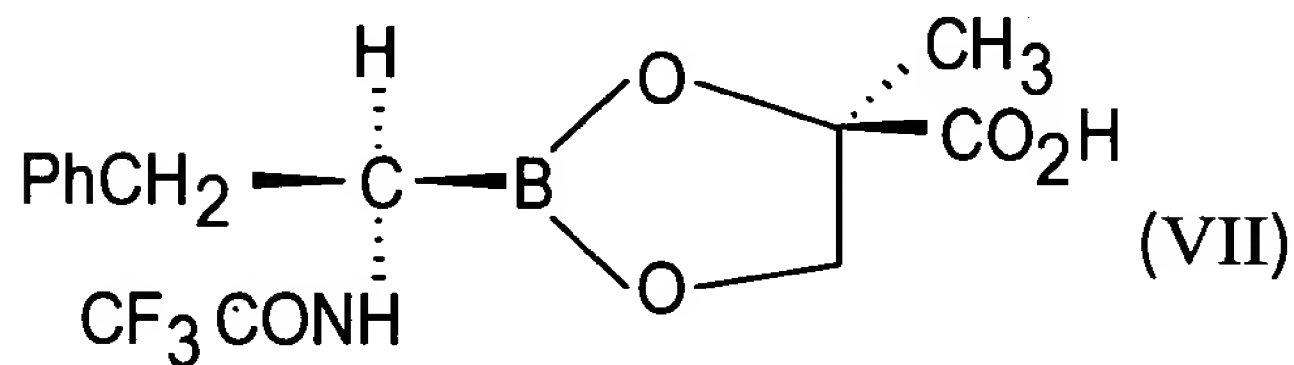
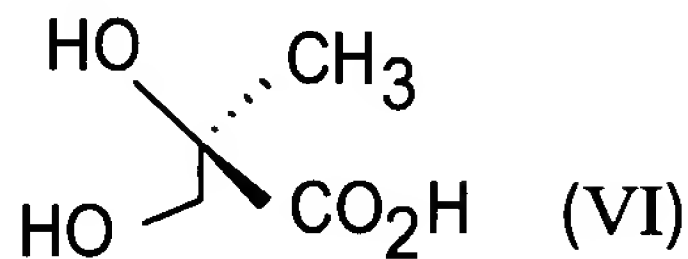
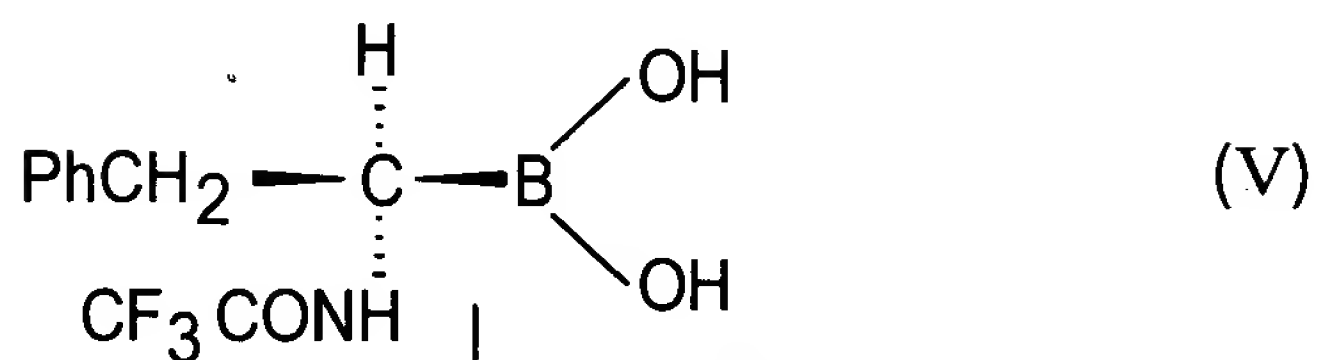
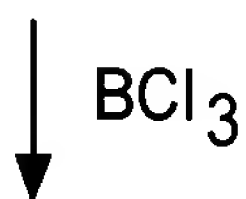
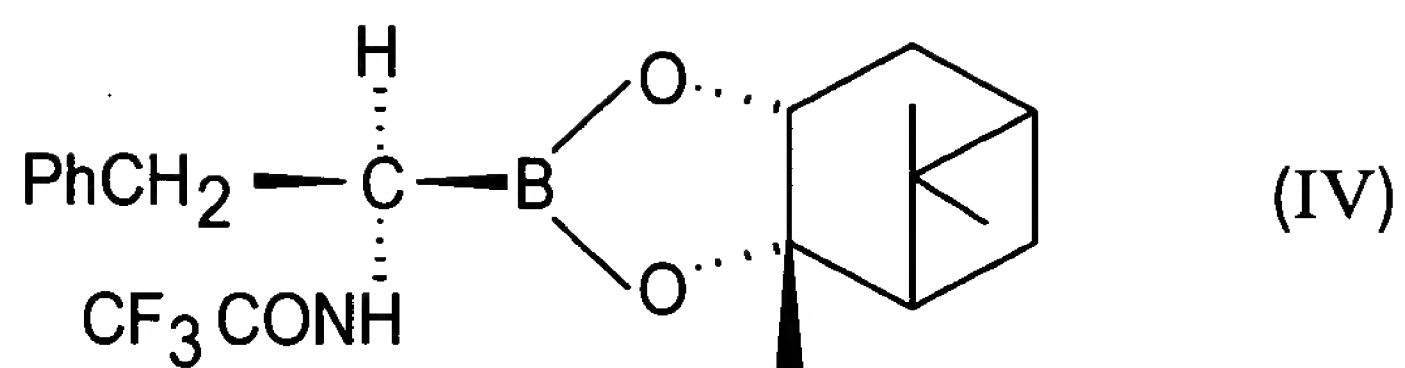


FIG. 16 (CONT'D)

APPROVED	O.E. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

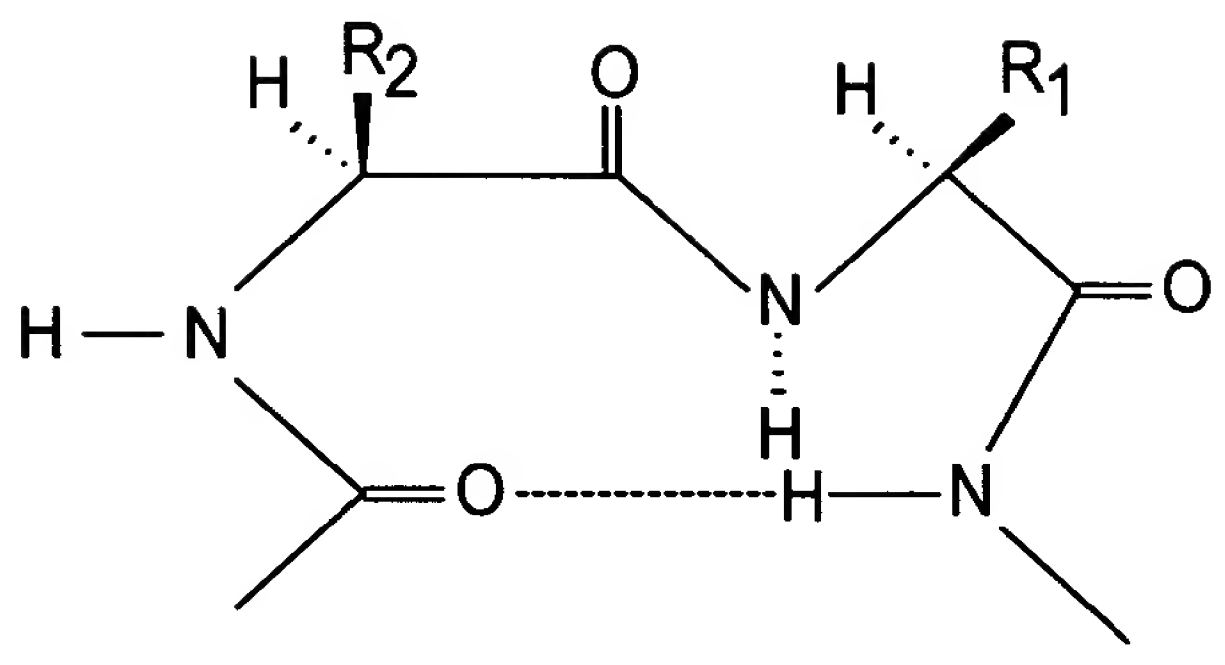


FIG. 17

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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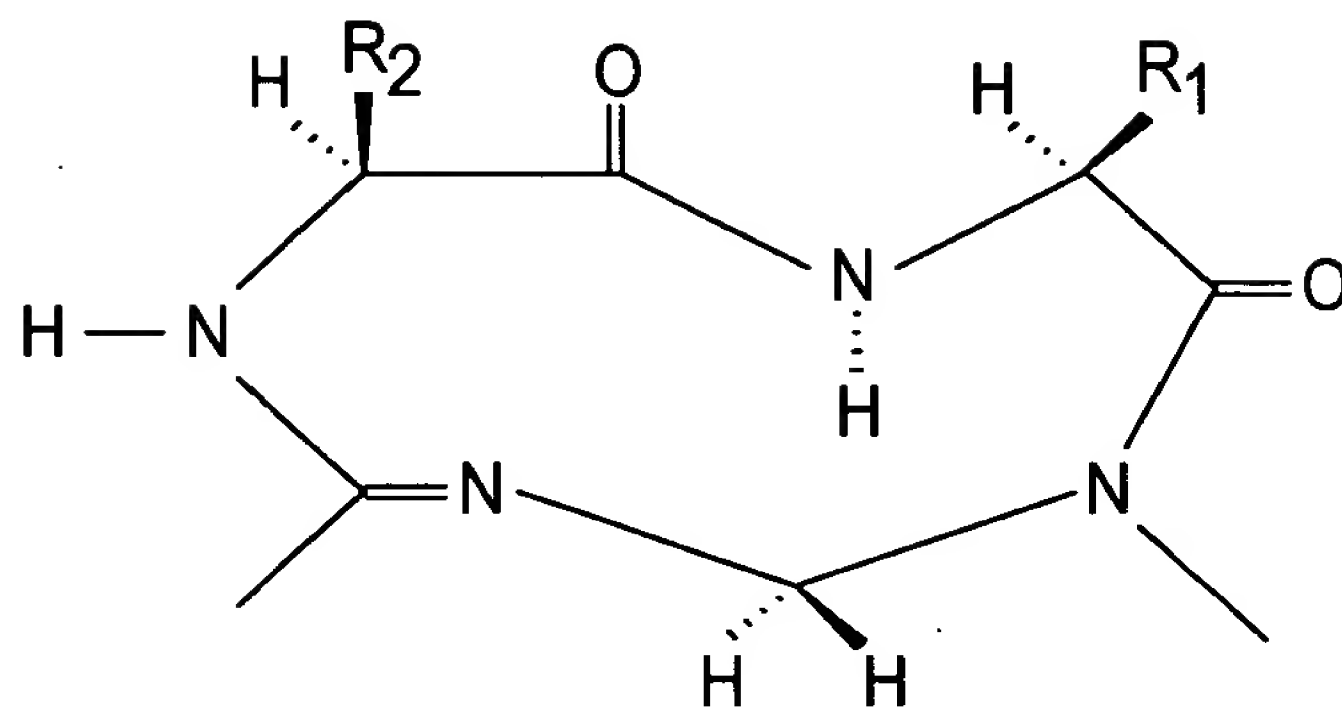


FIG. 18

APPROVED BY CLASS SUBCLASS DRAFTSMAN

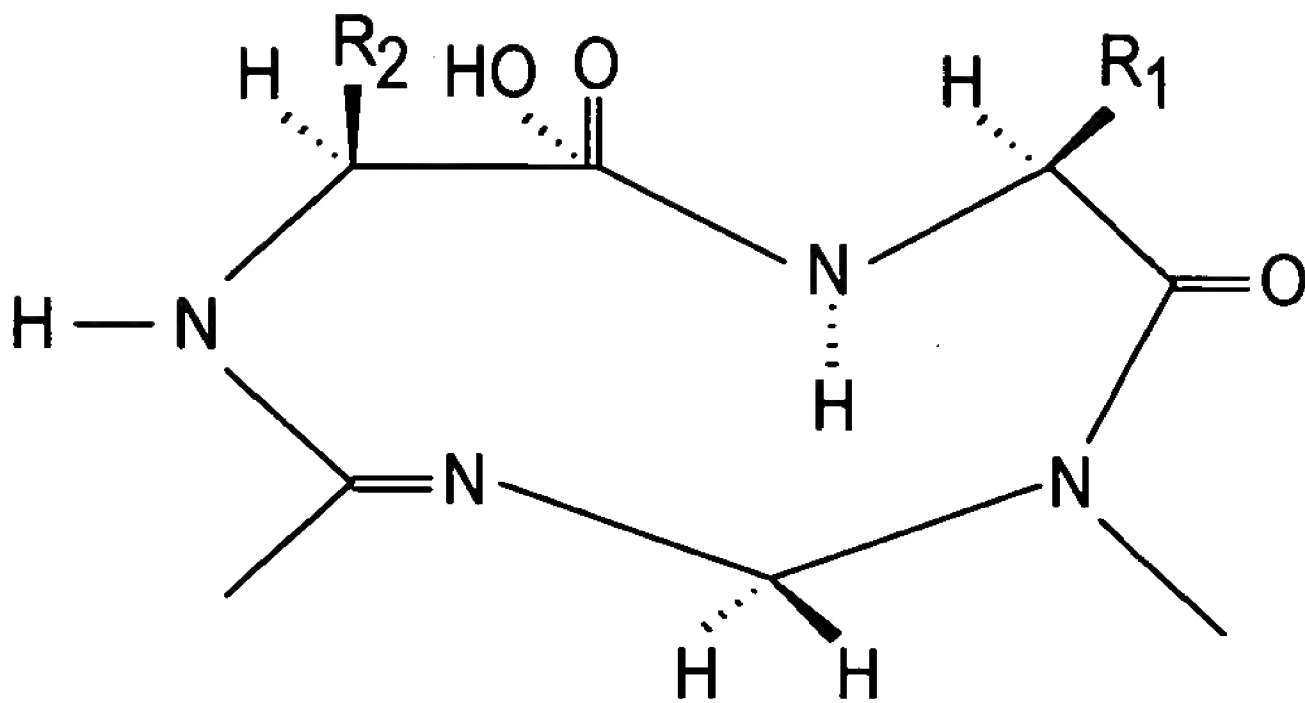
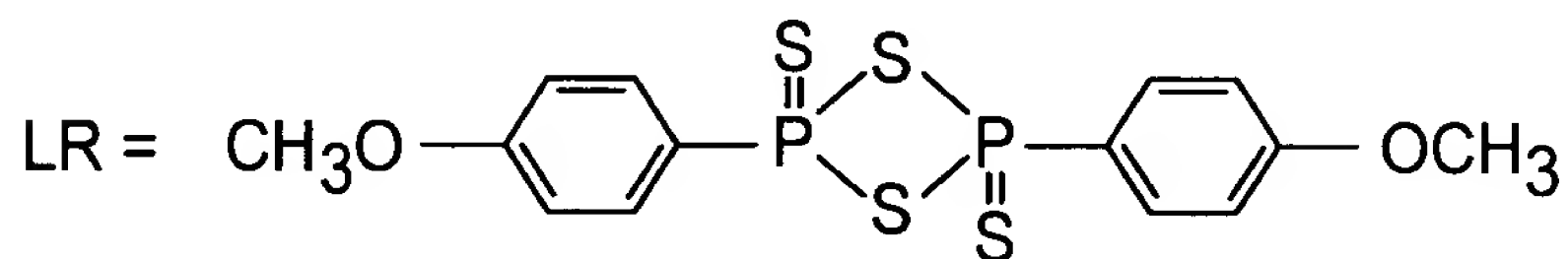
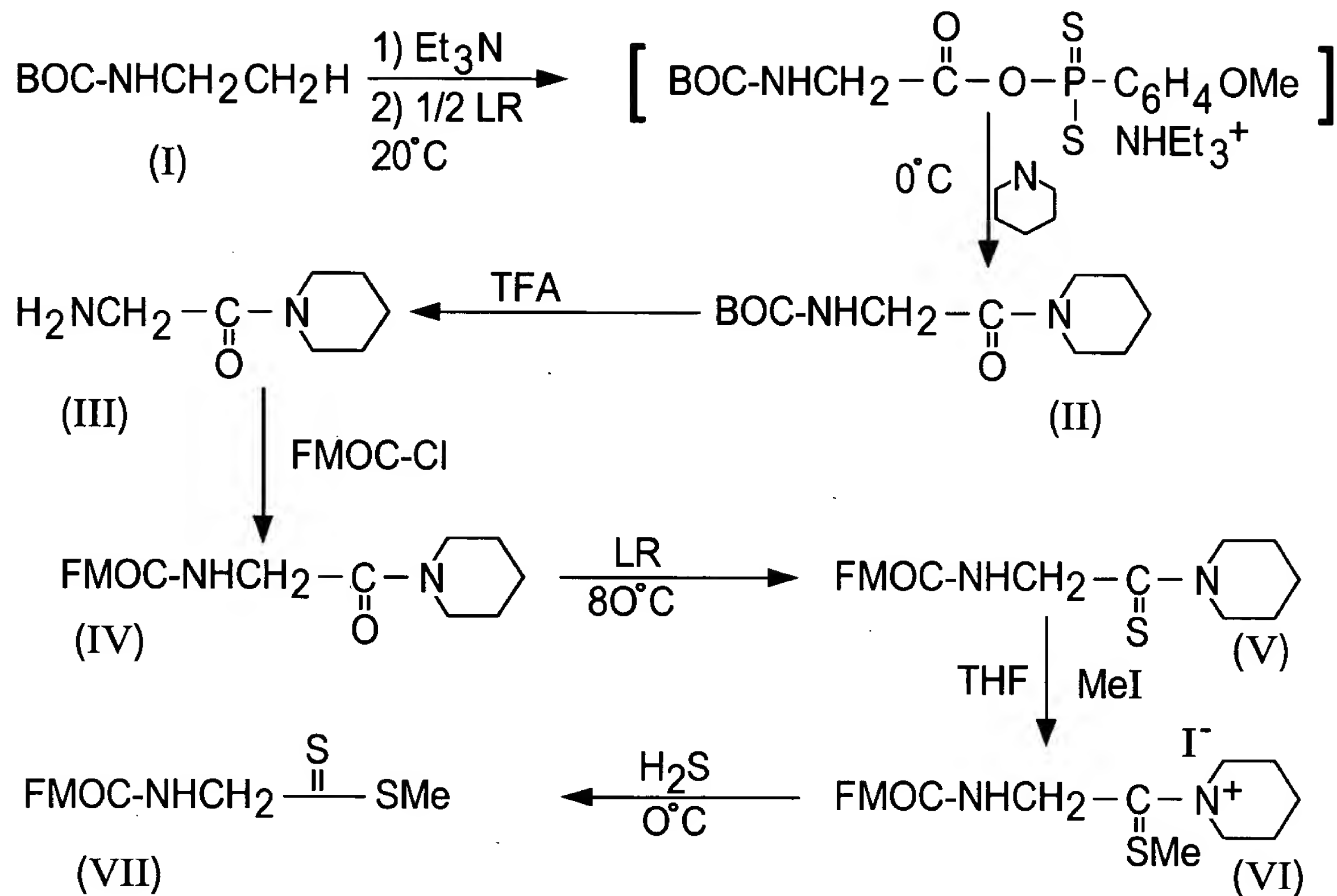


FIG. 19

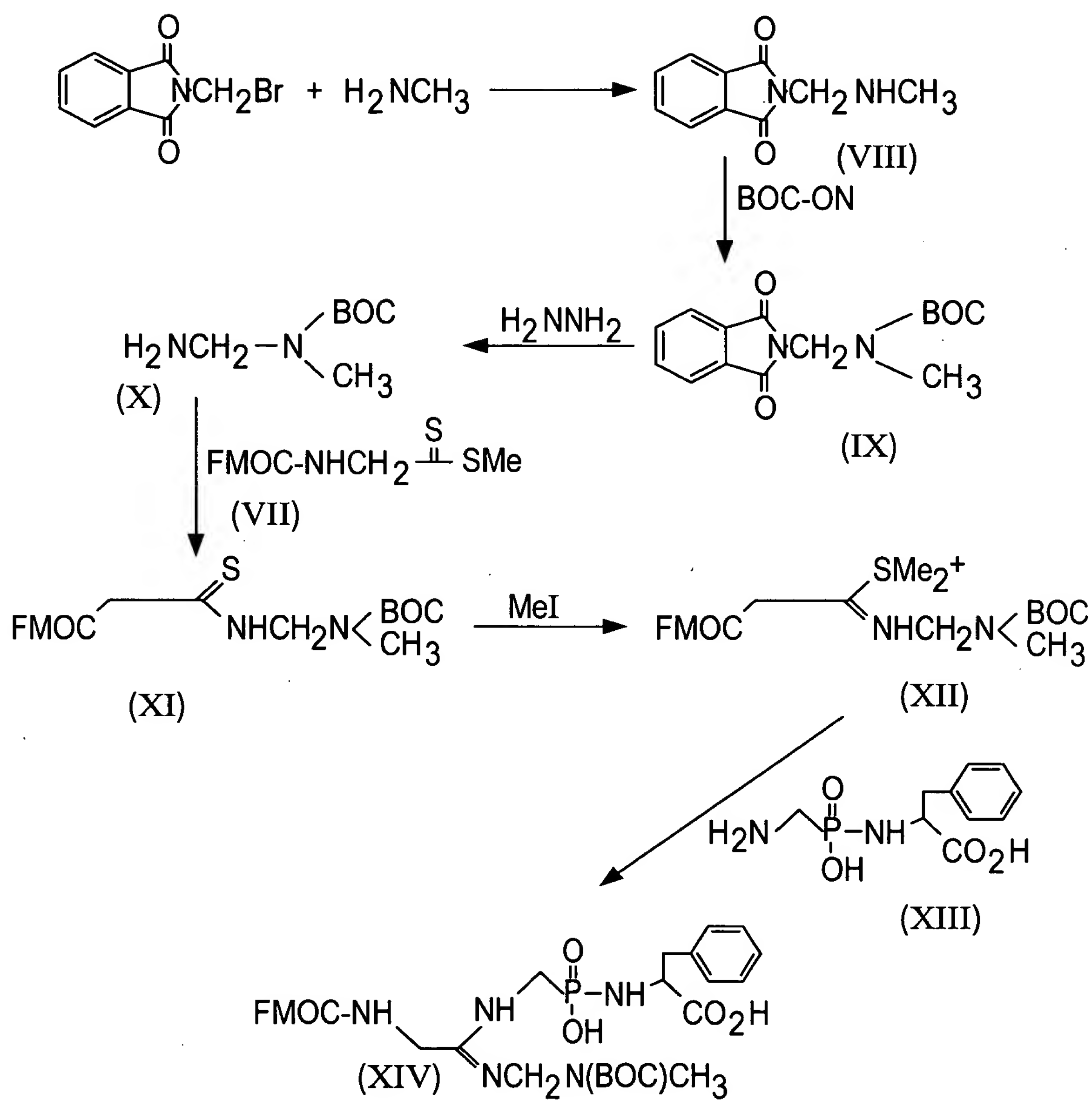
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(LAWESSON'S REAGENT)

SCHEME 1

FIG. 20



SCHEME 2

FIG. 21

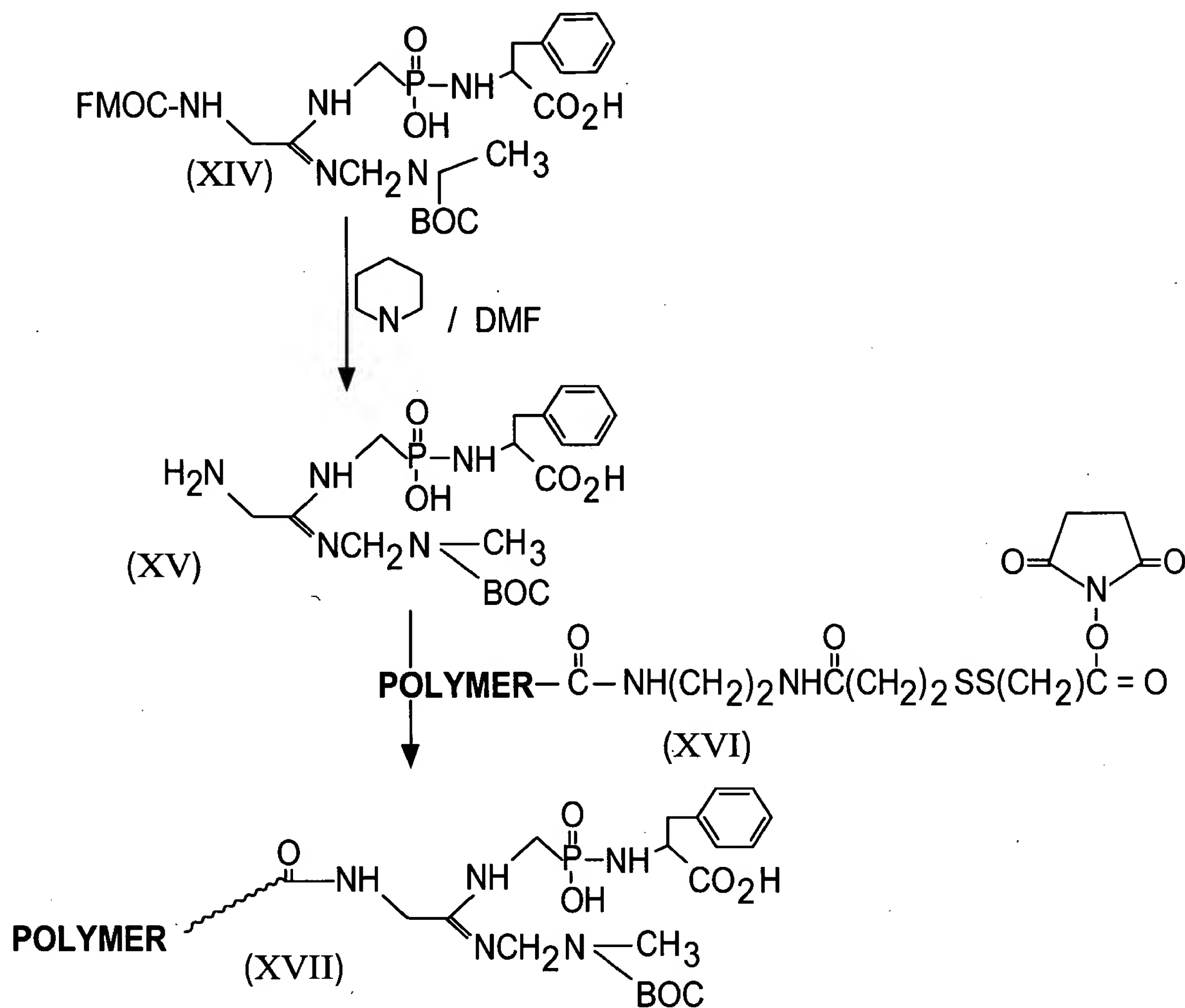
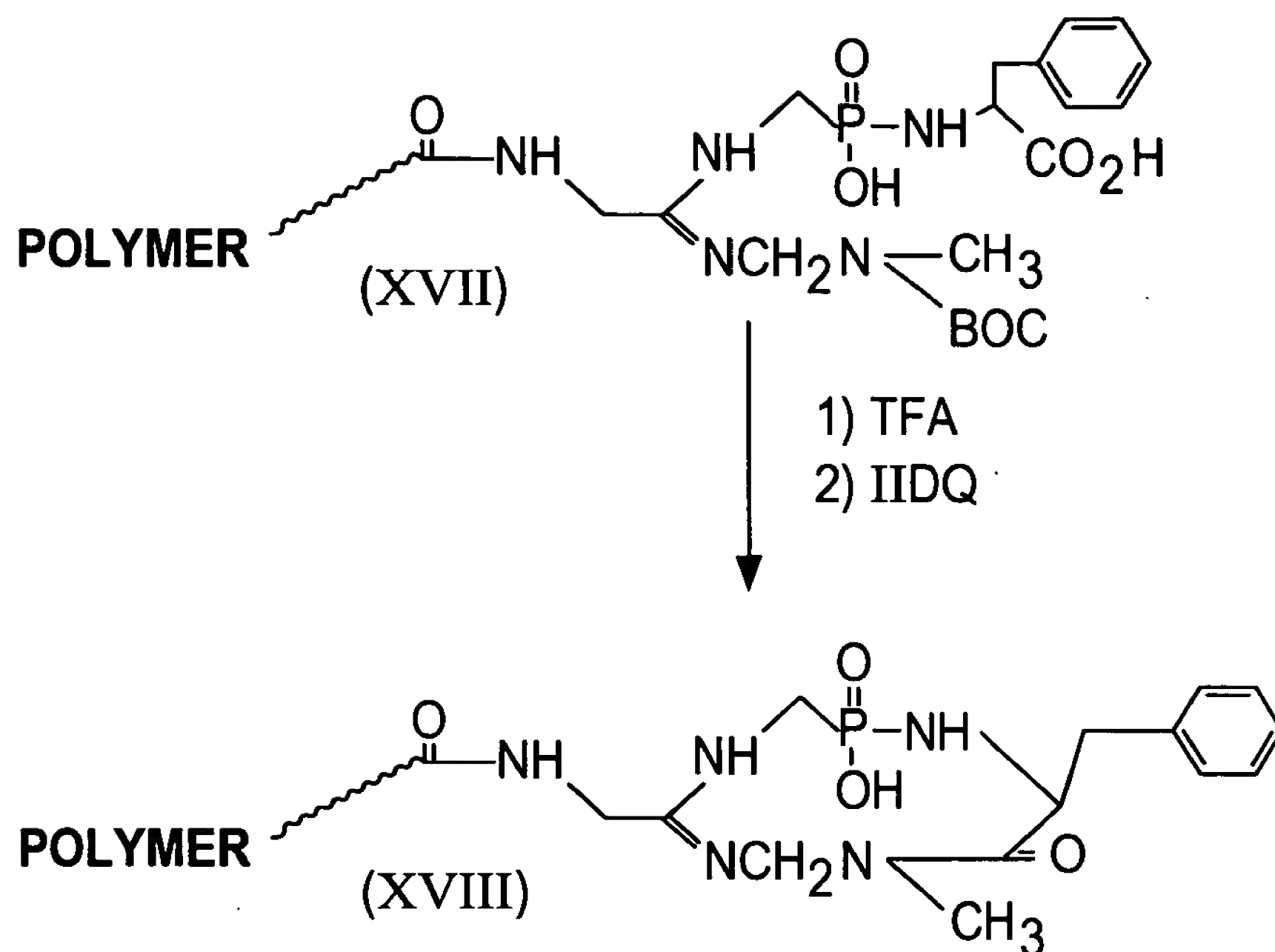


FIG. 21 (CONT'D)

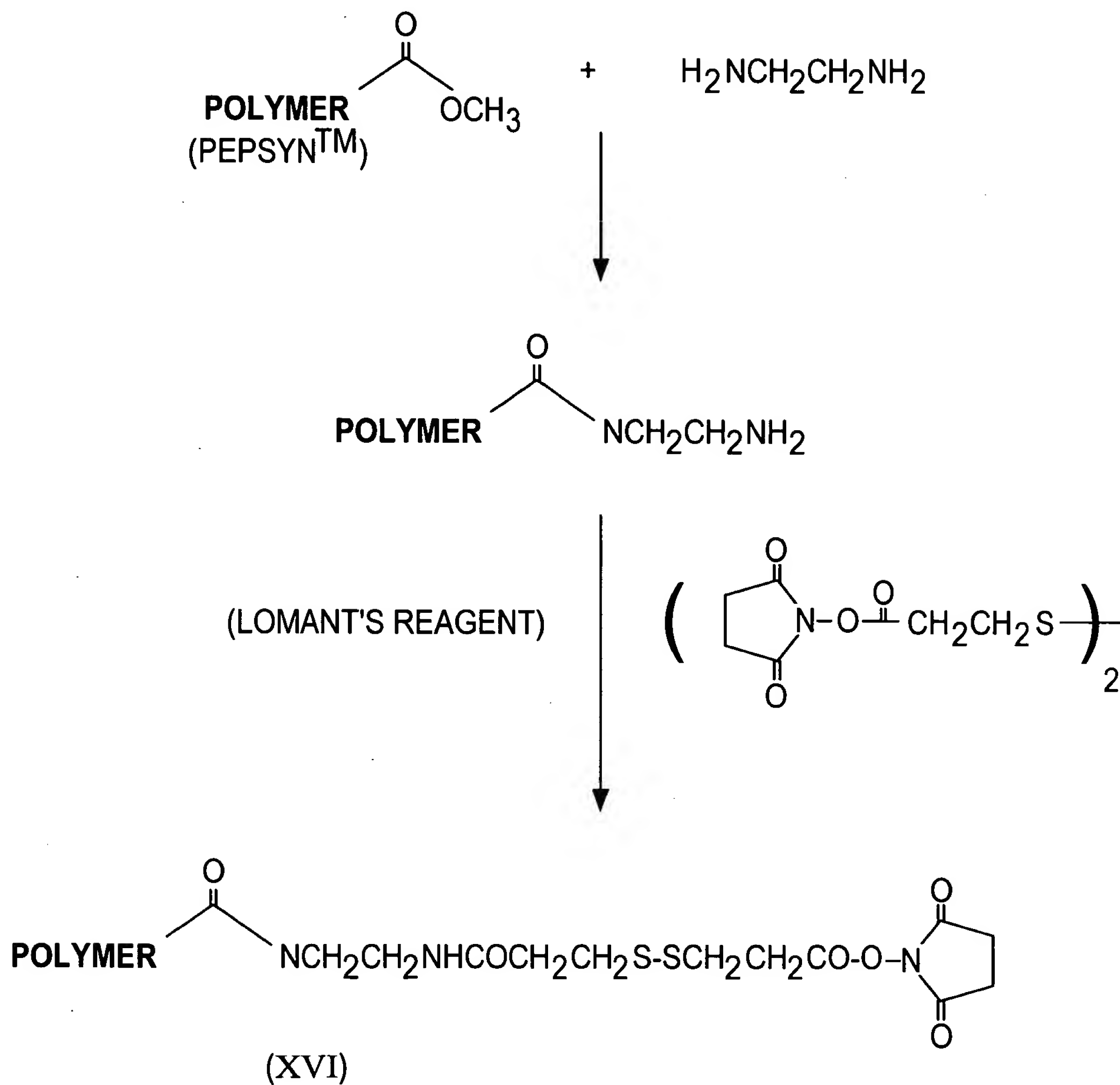
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SCHEME 2 (CONTINUED)

FIG. 21 (CONT'D)

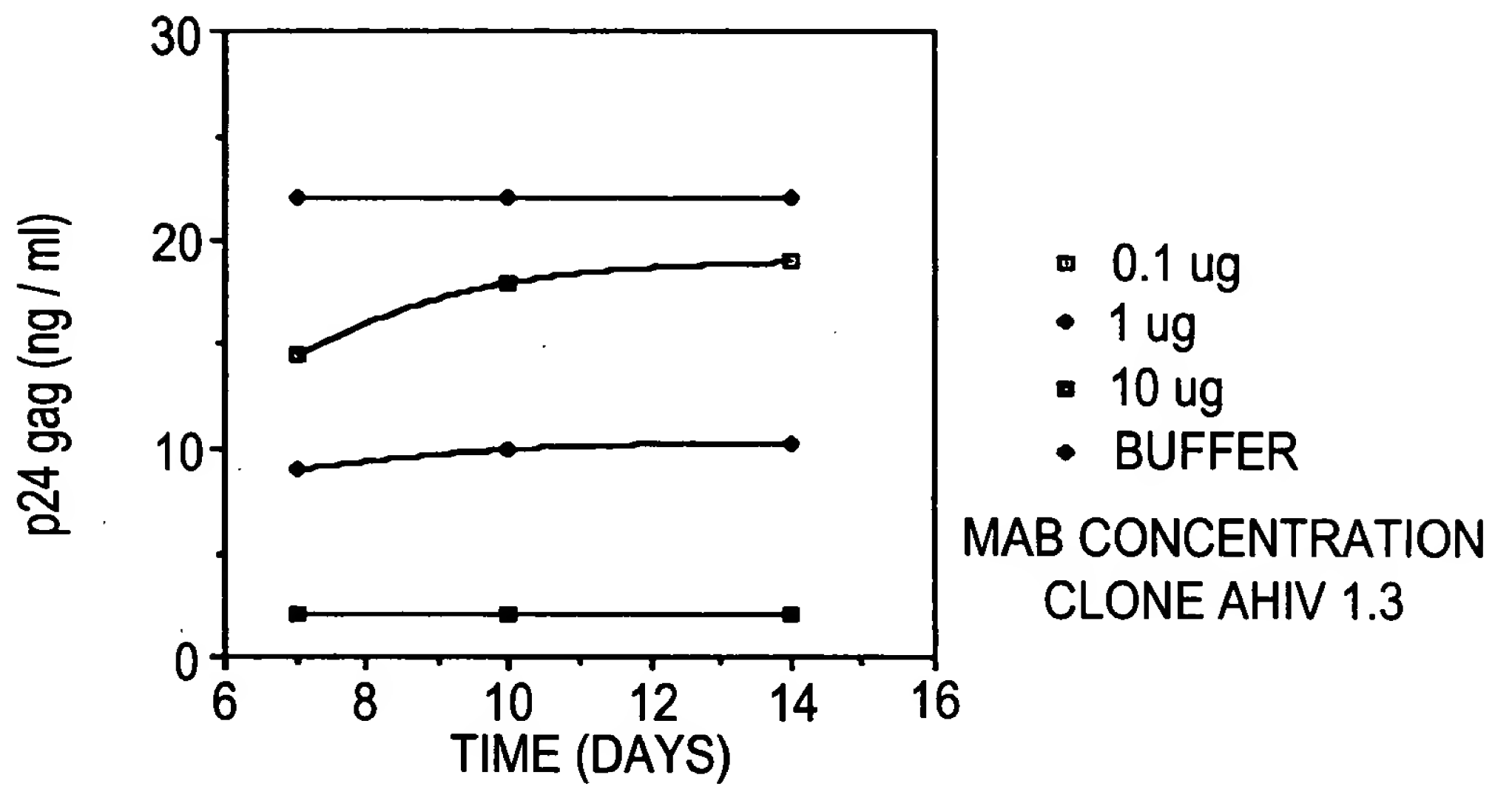
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SCHEME 3

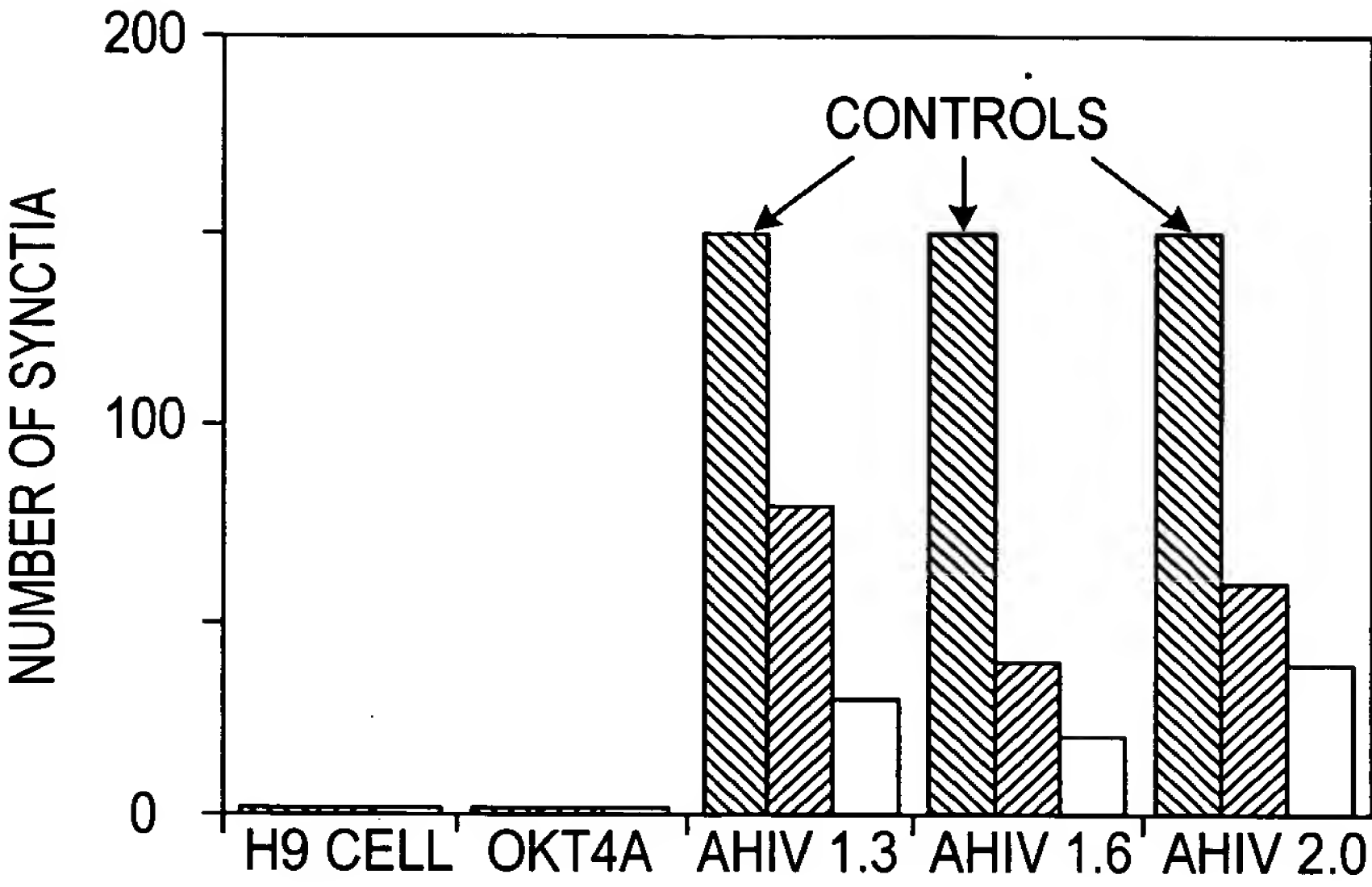
FIG. 22

**Antiviral Activity of Clones AHIV 1.3,
AHIV 1.6 and AHIV 2.0 in HIV-1 Replication
and Cell Fusion Assays**



**Dose Dependent Inhibition by Clone AHIV 1.3
of HIV-1 p24 gag Production in
Infected H9 Cells**

FIG. 23



DOSE DEPENDENT INHIBITION BY CLONES AHIV 1.3,
AHIV 1.6, AND AHIV 2.0 OF
HIV-1 - INDUCED CELL-FUSION

FIG. 24